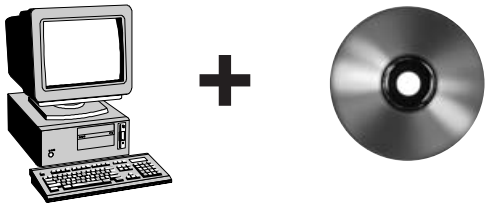
TVTEL® PC Program



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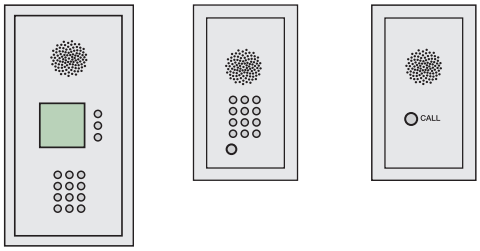
TVTEL® Installation Manual

TVTEL® PC Program For



TVTEL® 2K 1–2000 Scroll Display/Speed Dial
TVTEL® 240 1–240 Speed Dial
TVTEL® PB 1–14 Call Buttons

NACD
ACCESS • DOOR ENTRY • SECURITY

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200/CM/0105/1

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REF: TESV/BS/0105

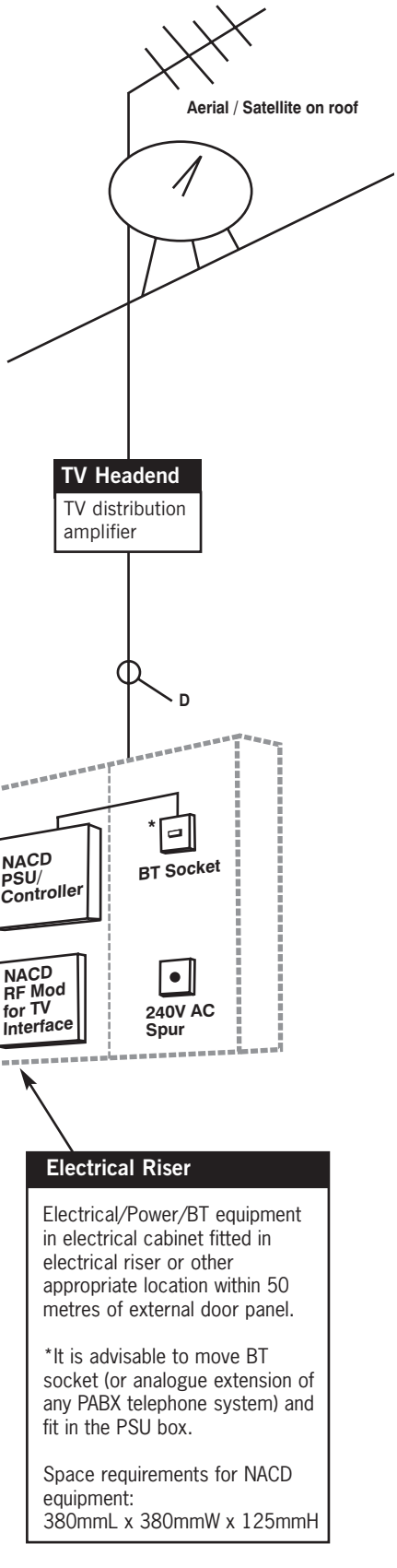
TVTEL® ENTRY SYSTEM

CONDUIT ROUTES / CABLE SCHEDULES

Depending on local conditions conduit (metal or plastic) with inspection elbows to be run as follows:

From	Conduit	or	Cable	To
(A) **TVTEL**® Panel	25mm		CAT5E x 2n° + EARTH (6491X) + RG59U coaxial*	Electrical Cabinet.
(B) **TVTEL**® Panel	20mm		CAT5E	Locking mechanism. If electromagnet then will be above door.
(C) Exit button (R.T.E.)	20mm		CAT5E	**TVTEL**® Panel.
(D) Electrical Cabinet	20mm		RG59U coaxial*	TV Headend.

* Use RG11 coaxial if run is 250–500 metres. If longer, consult NACD Ltd.



Internal

(1) Height from FFL to top of R.T.E. = 1.00 metre.

(2) Fitted on inside using 2 gang dual type back-box. Break glass to have flip lid.

(3) To be clearly visible to persons exiting the building.

(4) Position so that door does not open over R.T.E.

These are fitted on the inside.

R.T.E. = Request To Exit.
FFL = Finished Floor Level.

External

Height from FFL to centre of **TVTEL**® panel = 1.30 metres.

Electrical Riser

Electrical/Power/BT equipment in electrical cabinet fitted in electrical riser or other appropriate location within 50 metres of external door panel.

*It is advisable to move BT socket (or analogue extension of any PABX telephone system) and fit in the PSU box.

Space requirements for NACD equipment:
380mmL x 380mmW x 125mmH

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NACD Limited
Unit 10, Avebury Court, Mark Road, Hemel Hempstead, Herts, HP2 7TA.
TEL: 01442 211848, FAX: 01442 212776, EMAIL: sales@nacd.co.uk, WEB: www.nacd.co.uk
www.telephoneentry.co.uk

NORALSY
MASTERING ACCESS CONTROL

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2K, 240 & PB

modern telephone based door entry

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USER DETAILS

TVTEL/UD/TEL/0804

What do I need to do to get my details onto the system?

Please fill in the information as requested and return to NACD Ltd unless instructed otherwise. If you change your telephone numbers, please inform us.

RESIDENT/CORRESPONDENT INFORMATION

TVTEL 2K Scroll Display Panels Only

Display to show maximum 16 characters

I want the TVTEL® Door Panel to call:

Any number, landline or mobile, your choice.

1st telephone n°.

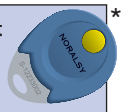
2nd telephone n°.*

3rd telephone n°.*

4th telephone n°.*

* If applicable

Noralsy® Proximity Key Fobs are engraved with a 7 digit number so that we can delete them if lost or stolen. *



My property has been issued with the following:

1 2

3 4

5 6

Same applies for Noralsy® radio transmitters. Enter the relevant 7 digit number in one of the boxes.

* Use to open the door instead of a key.

OFFICE USE ONLY

YOUR DETAILS

Flat N° Floor N°

Building Name*

Block Name*

Estate Name*

Title

First Name(s)

Surname

Address

Postcode

Email

Managing Agent**

Telephone n°.**

*If applicable **If known, not essential.

LIFESTYLE CHOICES

Features depend on TVTEL® model installed, please advise your preferences and we will endeavour to please.

❶ Any time I am happy to receive calls 24/7. ☐ YES ☐ NO

❷ Social hours I only want to receive calls between:

CALL TIMES (USE 24 HOUR CLOCK)

❸ Protected I only want to be called by family/friends. (Visitors will need to know your telephone number and enter it on the panel when TVTEL prompts them or, see **Speed Dial**). ☐ YES ☐ NO

❹ Hidden No details will be displayed on the screen. (Visitors will need to know that you live here and will need to enter ✶ followed by your telephone number to call you or, see **Speed Dial**). ☐ YES ☐ NO

Speed Dial I want to be called directly from the panel by entering this number: (Choose either your flat number or a personal number and let your friends/family know! You can still select any one of the options 1–4).

2–4 DIGITS IN LENGTH

The details (max 16 characters) displayed on the screen can be your name, spouse's name, another name of resident of flat, flat number / name, business name or combination etc. You advise which telephone number goes with which name. The system allows for more than one name / description per flat / house / unit.*

Keypad Code I would like to have the following Keypad Code:

4–8 DIGITS IN LENGTH*

*At discretion of Managing Agent. **Shorter codes available at the discretion of Managing Agent, but obvious codes 54321, 6789 etc not allowed. Keypad code cannot be same as flat number for security reasons — but can be same as personal number used as a Speed Dial, if so enter # before the number when using as keypad entry code.

Photocopy if extra sheets required

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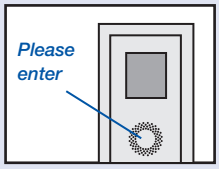
USER GUIDE

TVTEL/UGI/0804

How do I know if a call is from the door panel?
When you answer the phone you'll hear a message "Call from Door Panel" – just speak to your Visitor as you normally would when on the phone!

What do I then do if I want to open the door?
Just press the **0** button on your handset… and release it immediately, you don't need to hold it down.

Press the **2** button on the handset to open a 2nd door or gate controlled by the ***same*** TVTEL® panel, if applicable.



What happens after I've pressed the O button?
Both you and your Visitor will hear the message "Please enter".

Do I have to be in the building to open the door?
You can open the door from anywhere in the world! Just press the **0** button.

What if I don't want to let the visitor in?
Press the **#** button to end the call immediately or, don't press the **0** button and hang-up or, press the "End Call" button on a cordless or mobile phone.

What happens if I'm not at home?
If you've got an answer machine or BT Call-Minder your Visitor can leave you a message.

What happens if I'm already on the phone?
If you've given us a 2nd telephone number, TVTEL® will automatically call it.

What if I don't have a 2nd telephone number and am already on the phone?
TVTEL® will advise your Visitor that you are busy and to call back later.

If you have BT Call-Waiting you'll always know if somebody is trying to call you.

TIP

Use a "Pay As You Go" mobile phone as your handsfree door entry phone – it won't cost you a penny, you'll never be on the phone when a visitor calls and TVTEL® will still divert the call when you are out!

Can TVTEL® call mobile telephone numbers?
TVTEL® can call any landline, mobile or extension number that has been programmed into it.

Can I divert the call from the TVTEL® panel to my office?
With BT Call-Divert you can divert the call anywhere you want (the cost of the divert is at your expense).

You can be on your office landline, on the mobile out shopping or skiing in Meribel… TVTEL® makes a telephone call to ***your*** number, what you do with it is up to you.

Can TVTEL® do the diverting for me?
Of course, if the TVTEL® call is not answered within the default 25 seconds it will automatically dial your 2nd telephone number, for example, your mobile. But make sure your answer machine or BT Call-Minder switches on after 25 seconds. If not, your Visitor will leave a message for you and the call will not divert to your 2nd number.

Can I see the Visitor if I don't know them?
If your TVTEL® panel has a camera* then you'll be able to see your Visitor on all of your televisions. You can even record unwelcome visitors if you have a VCR.

Do I need special televisions?
Any TV – wide screen, flat screen, plasma – it doesn't matter! As long as it plugs into a TV socket you can use it!

The picture from the camera* in the TVTEL® panel is simply another TV channel. What channel number you give it and what you do with the picture is up to you – check out the features available on your TV system.

*Camera feature is optional.

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N.A.C.D. Limited Unit 10, Avebury Court, Mark Road, Hemel Hempstead, Herts HP2 7TA.
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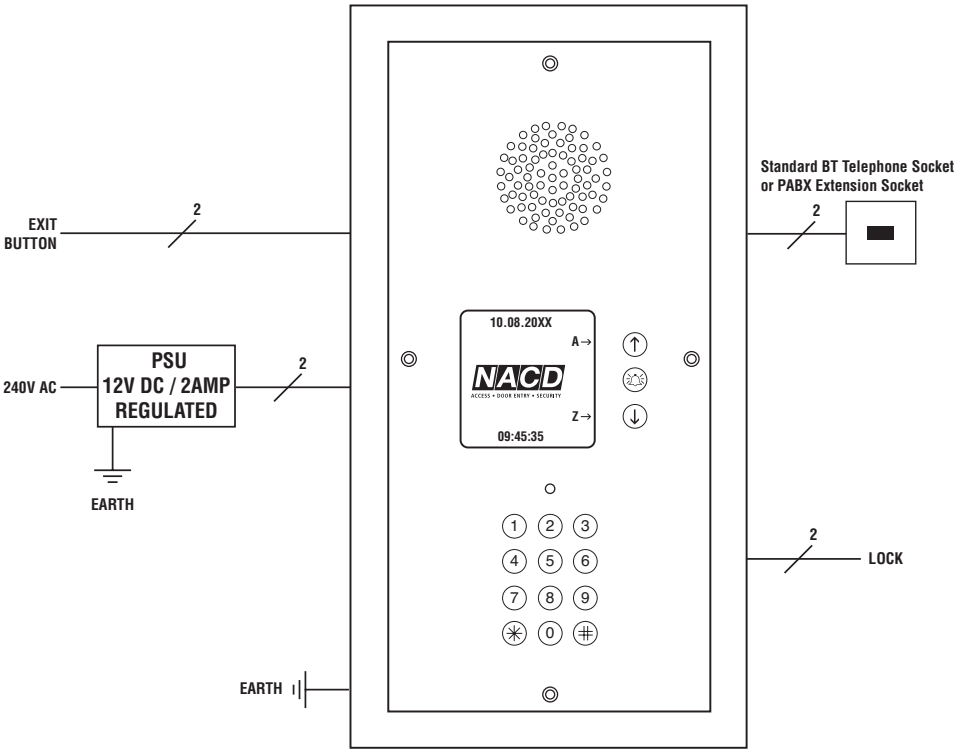
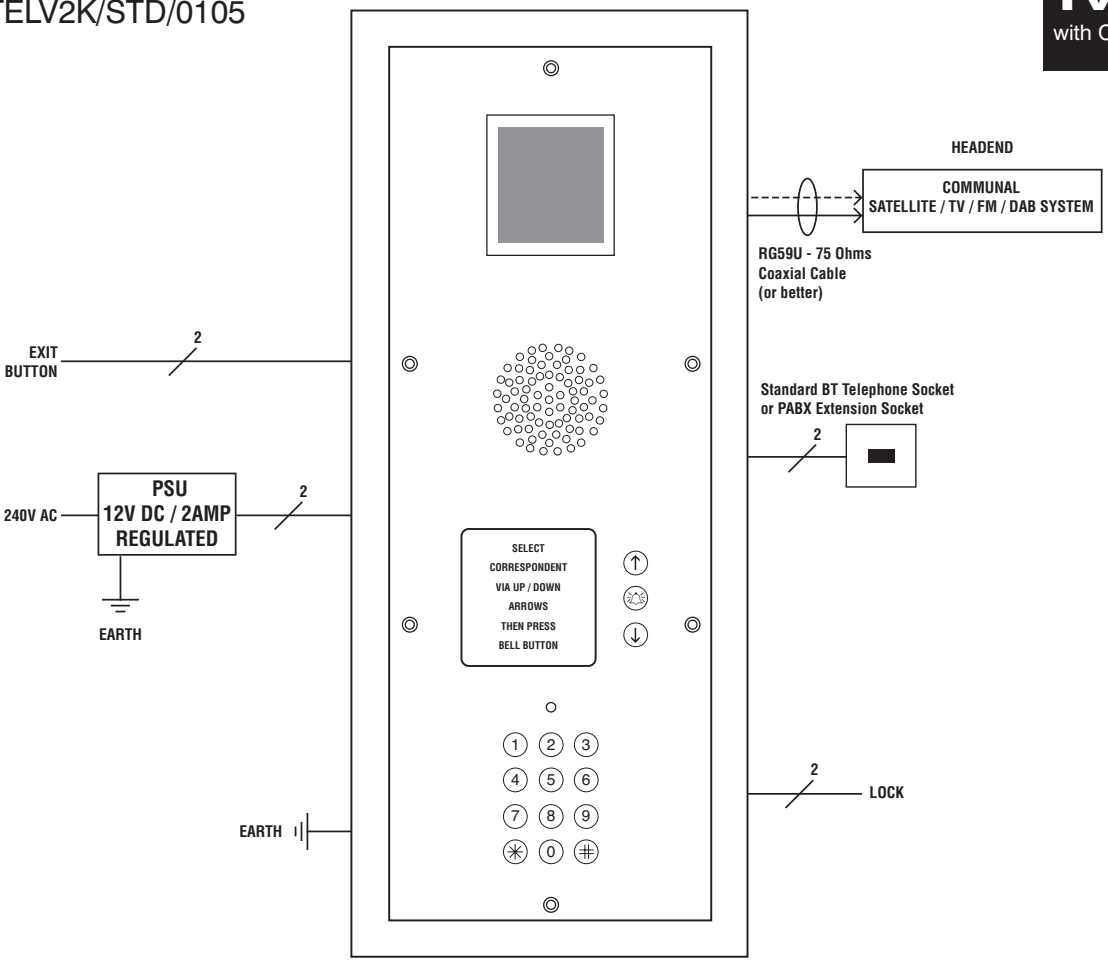
REF: TVTEL2K/STD/0105



REF: TVTELV2K/STD/0105

TVTEL 2K
with Camera Module



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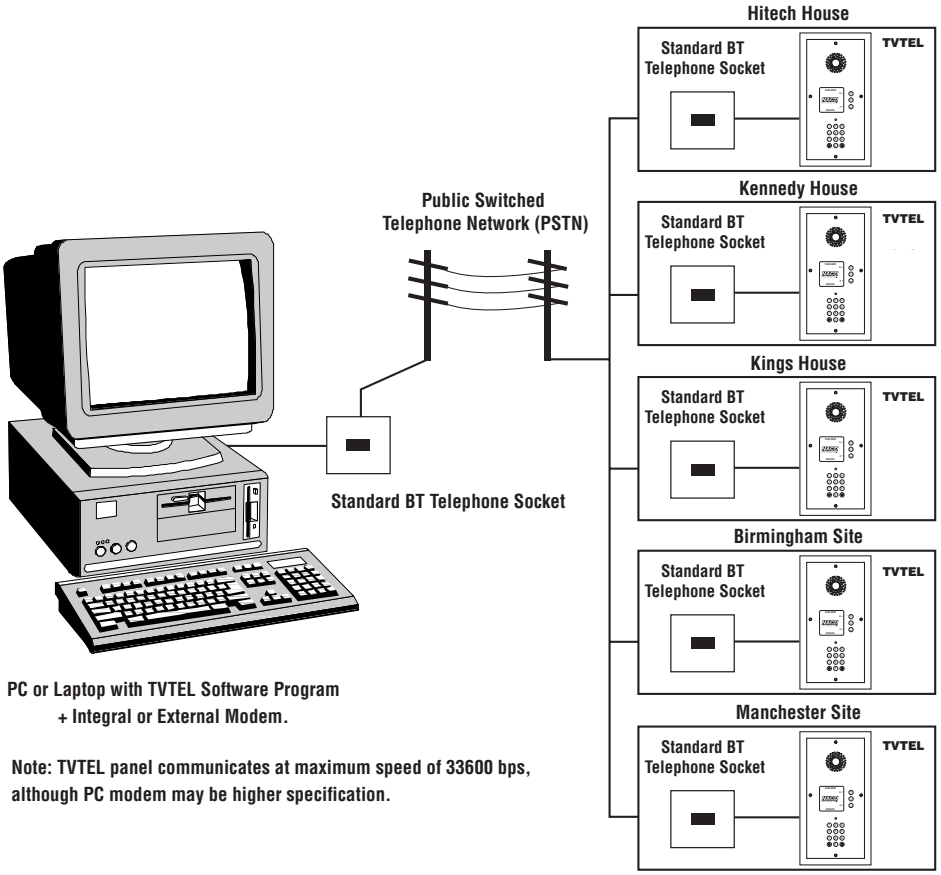
Remote Programming

REF: TVTEL/PCREM/0403/1

Minimum PC specification is:

- Windows 95, 98, 2000, Millenium, XP, NT4.
- Pentium 3, 300MHZ
- 1GB HD
- 64 MB RAM
- CD Reader
- Serial Port (recommended)
- Dial-Up Type Modem, preferably a brand name, external US Robotics… 56KBPS)

Option for TVTEL 2K only:
Local Programming from a COM Port of a Laptop or PC to Connector CN6 on the PCB of the panel using the cable with DB9 connectors supplied (RS232 bus, 38400bps).



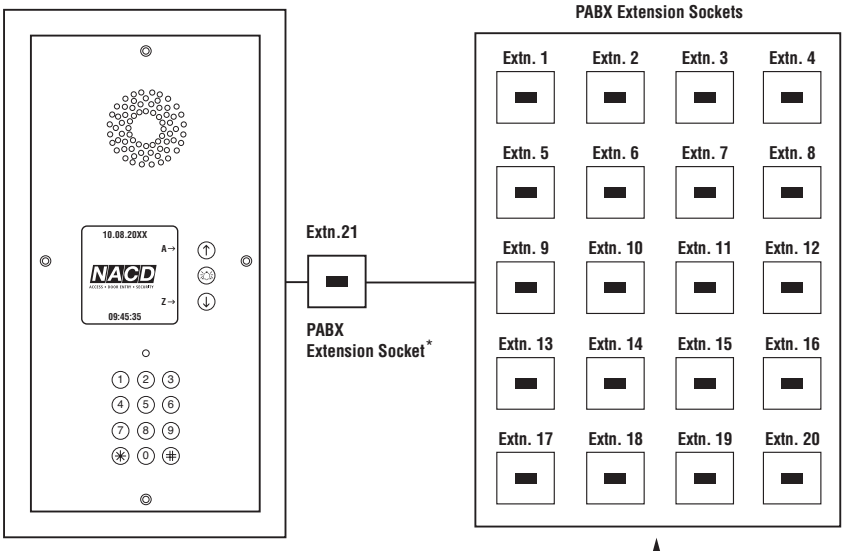
Note: TVTEL panel communicates at maximum speed of 33600 bps, although PC modem may be higher specification.

Internal Telecommunications Network of a Company

REF: TVTEL/PABX/0105/1

TVTEL® is programmed to dial internal extension numbers and, if required, external telephone numbers.

Maximum capacity: 2000 extension/telephone numbers.



System telephones required to generate DTMF tone when called from other extension of PABX telephone system.

*PABX extension socket to be analogue type.

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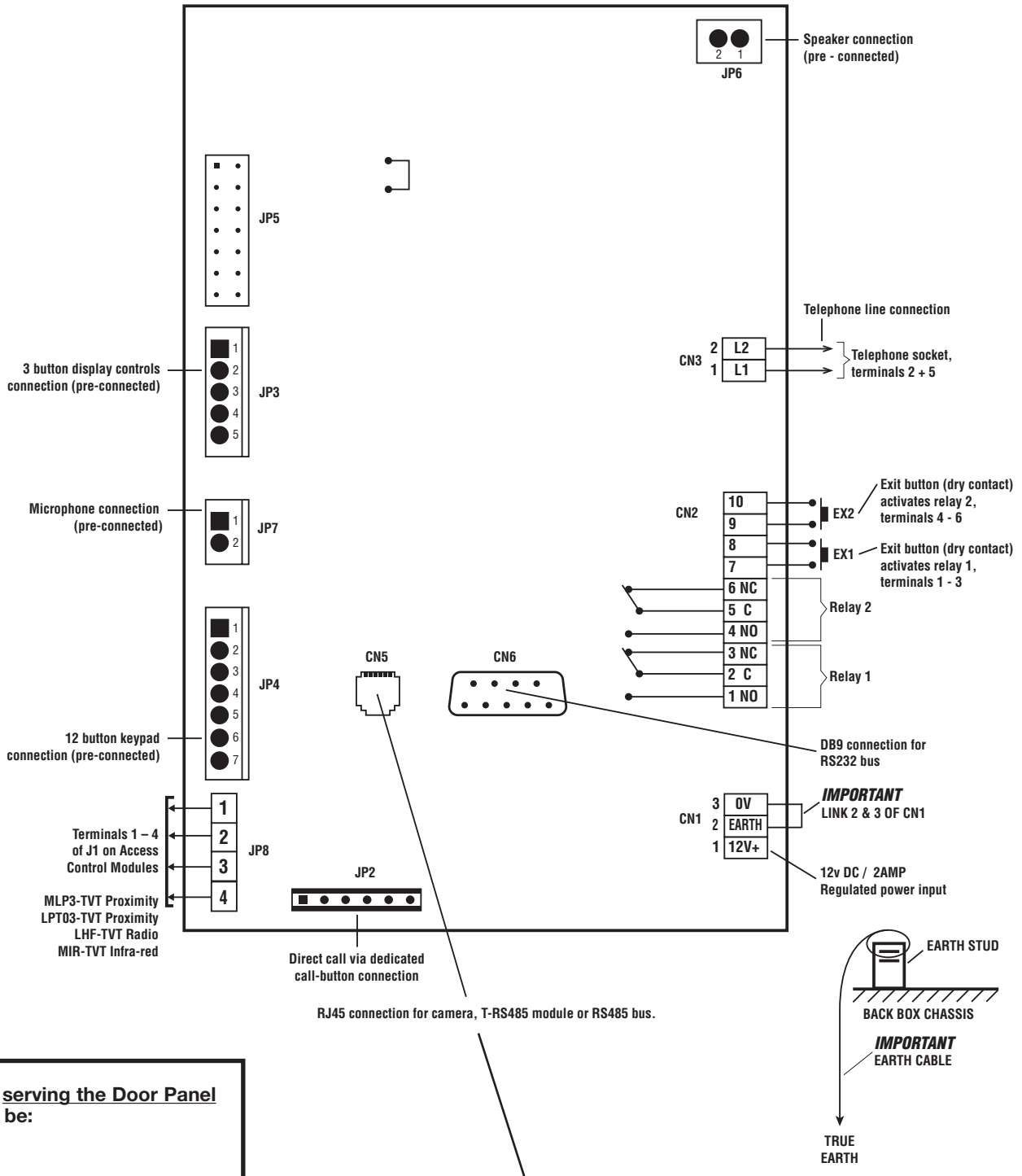
REF: TVTEL 2K/MPCB/V3/0105

MAIN CONNECTION BOARD



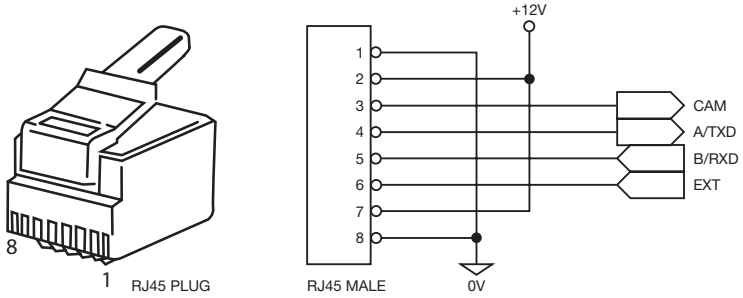
The BT line <u>serving the Door Panel only</u> should be:

A **Single line PBX.**

B **"Ring Back Prompt" must be removed.**

Simply dial 150 for BT Customer Services and go to Sales or Billing. Ask to have the "Ring Back Prompt" and the "Ring Back Facility" removed from the telephone line that is connected to the Door Panel.

RJ45 Connection into CN5 of TVTEL 2K



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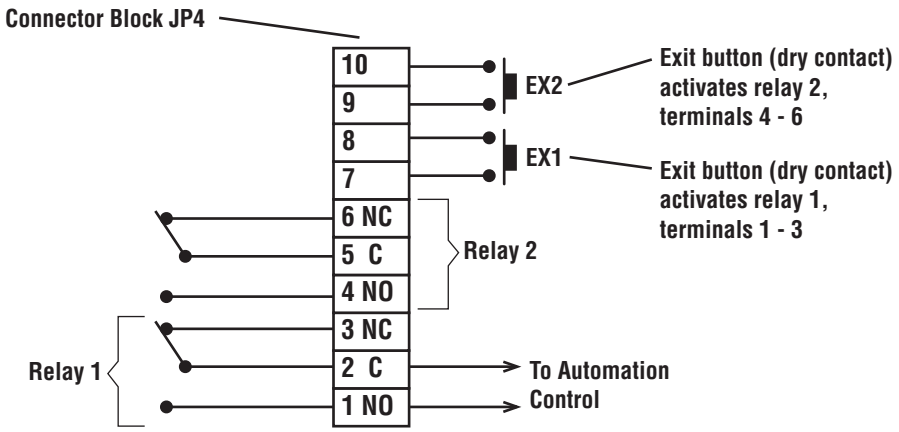
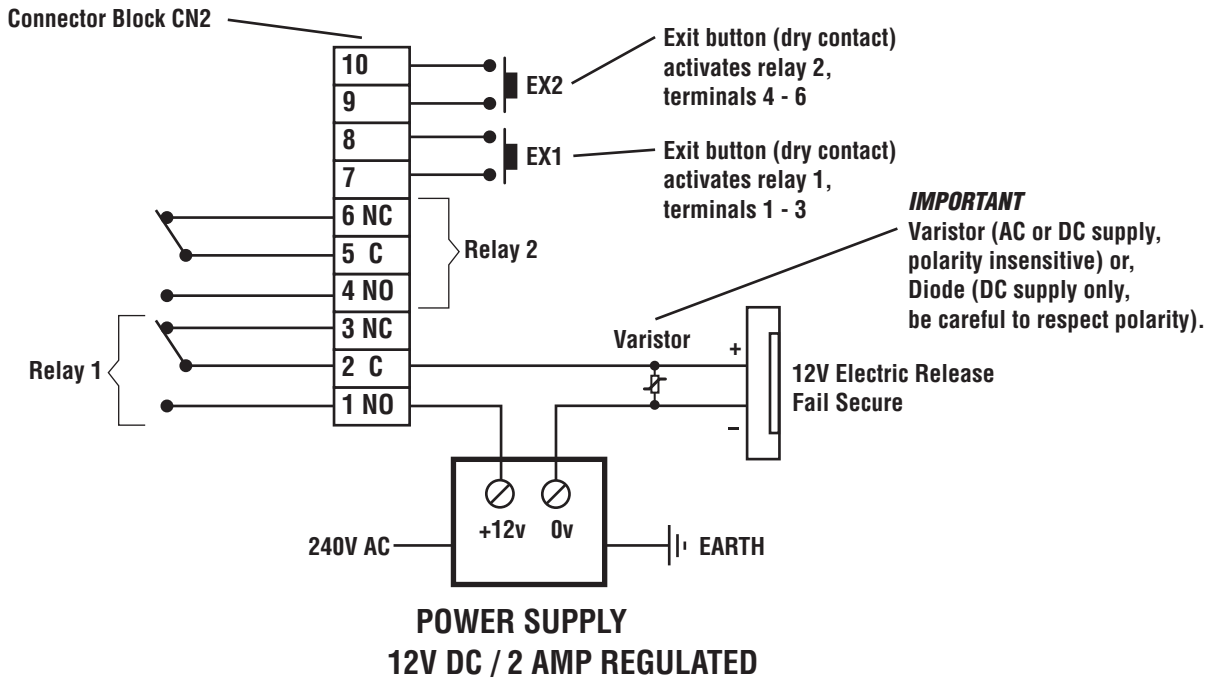
REF: TV2K/AUTO/0303

Automation Control / Volt Free



REF: TV2K/LFSEC/0105

Fail Secure Locking



POWER SUPPLY
12V DC / 2 AMP REGULATED

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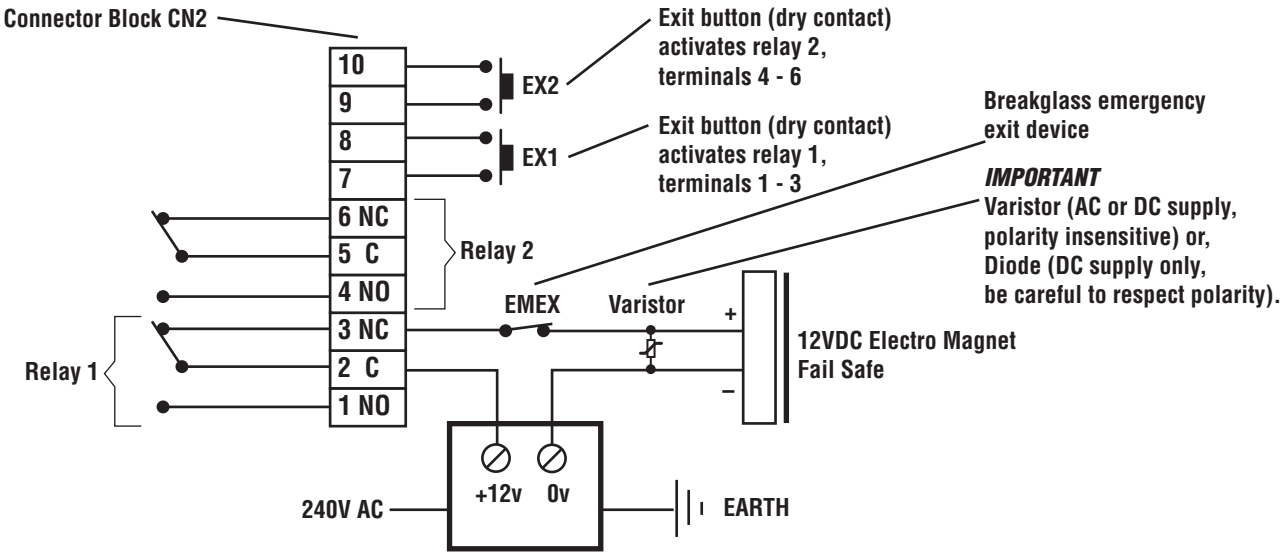
REF: TV2K/LFSAFE/0105

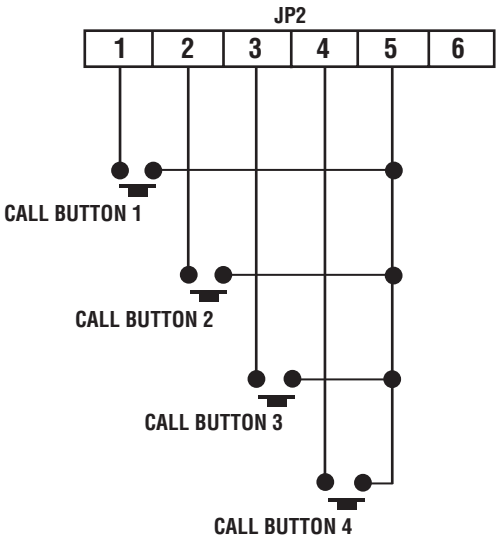
Fail Safe Locking

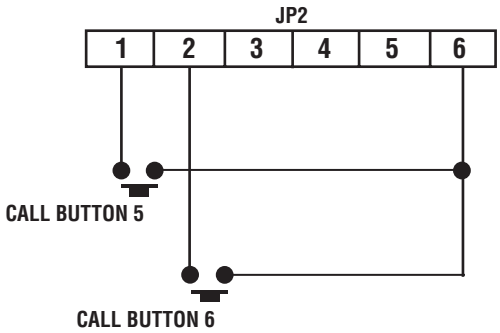


POWER SUPPLY
12V DC / 2 AMP REGULATED

REF: TV2K/6BCON/0303

Adding Direct Calls via Dedicated Call - Buttons.





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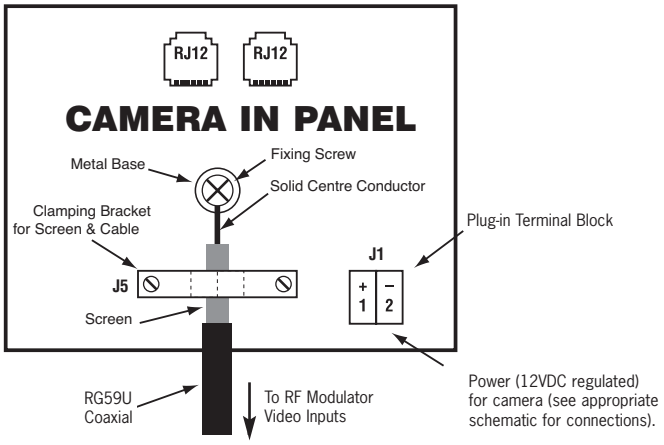
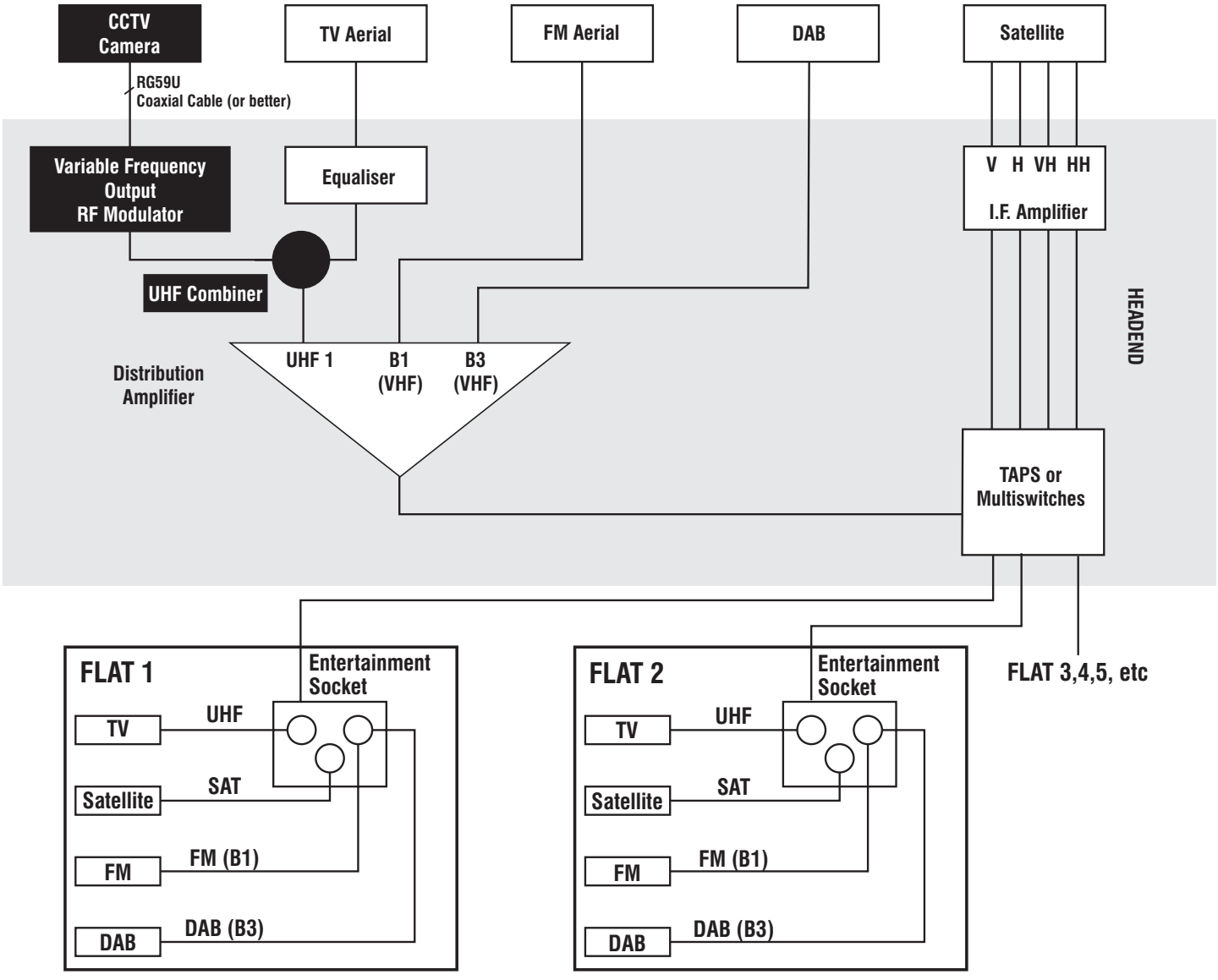


REF: TV-IF/STD

Interfacing the camera in the panel to the communal or house TV distribution system.



EQUIPMENT FOR CONNECTION TO COMMUNAL / HOUSE TELEVISION SYSTEM

TV2169	Variable frequency output RF modulator (channel range 21- 69). Converts camera signal into conventional TV signal for integration into communal or home system.
T2WS	UHF Combiner 5 - 2150 MHz (2 way splitter).
T4WS	UHF Combiner 5 - 2150 MHz (4 way splitter).

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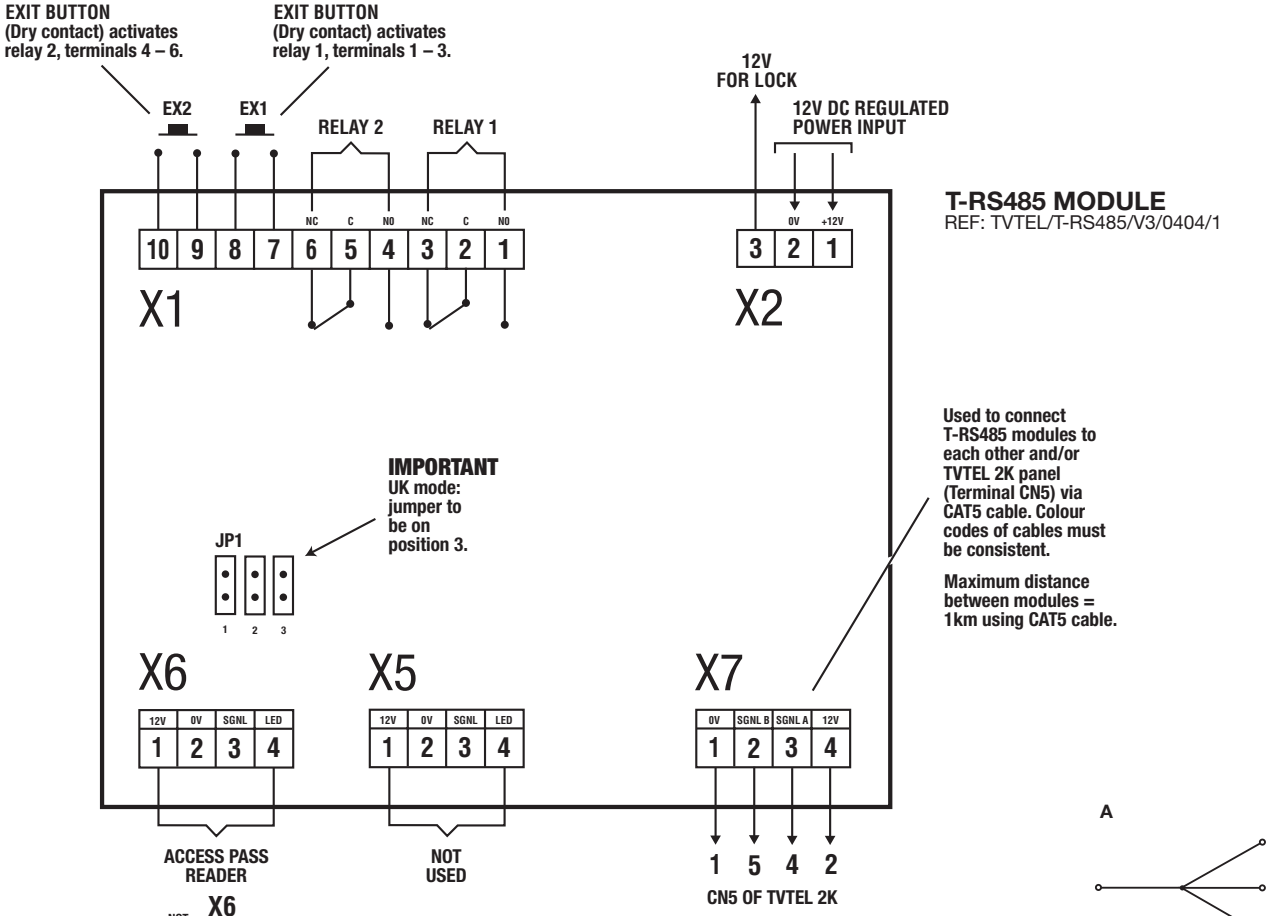
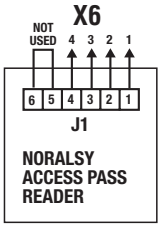
T-RS485 Module

For connection of additional Access Control Doors/Gates to TVTEL® 2K via RS485 Bus.





Module power consumption – excluding proximity reader(s) and electric locking:
Standby 45mA, Maximum (both relays latched) 110mA.

The T-RS485 module connects to terminal CN5 (RJ45 connector) on a TVTEL 2K using a CAT5E cable.

Noralsy® MLP3-TVT, MIR-TVT, LHF-TVT or LPT03-TVT readers connect to terminal block X6 of the T-RS485. (X5 is not used in the UK).

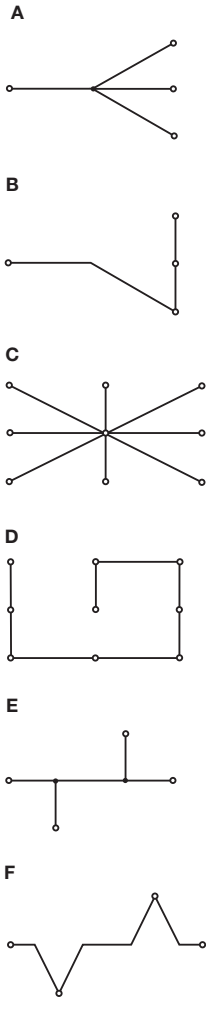
The following cabling topologies can all be used to connect T-RS485 modules to each other. Topologies (B), (D) and (F) are recommended.

Software Version must be 3.03 or later.

A maximum of 16n° T-RS485 modules can be connected to 1n° TVTEL 2K panel. Each T-RS485 controls 2n° relays and presentation of a valid Access Pass can be programmed to activate both relays simultaneously. A maximum of 8n° access zones are available.

Usually Relay 1 is used to control a door and, if used, Relay 2 triggers a CCTV camera, light etc. Relay activation time (secs) can be independently set for both relays, for example:

Relay 1 (Door 1) = 5 secs.
Relay 2 (Internal lobby door) = 12 secs.



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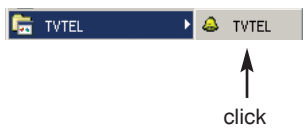
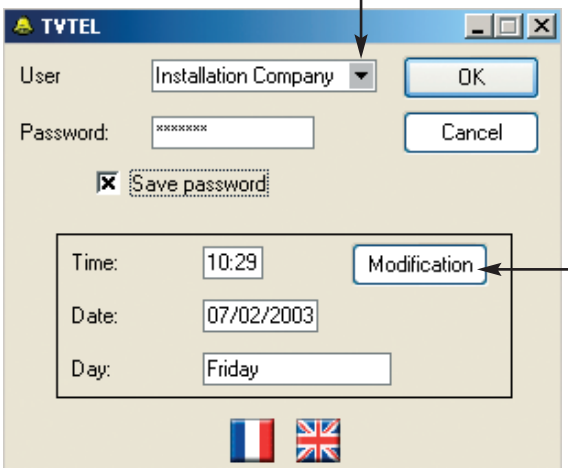
To open the TVTEL program, click on the standard Windows ***Start*** button and select **Programs**.

Highlight ***TVTEL***.



or click on desktop icon

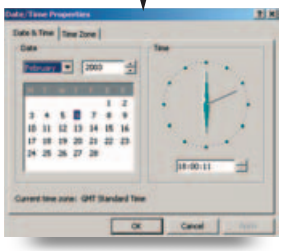
The following ***TVTEL*** screen appears.



There are 3no types of User. Click on ▼ to select between them.

Supervisor:	NACD use only
Installation Company:	Default Password = **install** Access Rights = Full
Managing Agent:	Default Password = **manage** Access Rights = Restricted to Residents function. Can add/remove ***Residents*** but cannot change ***Parameters***.

Click on ***Modification*** to correct the time and date. Enter the correct date and time. The day is automatically entered by the program. Click on ***Apply*** when finished.



Click on ***OK*** when finished to enter into the program.

Note:

Passwords can, of course, be changed - see Options on General Screen.

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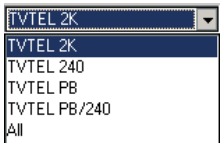
General Screen

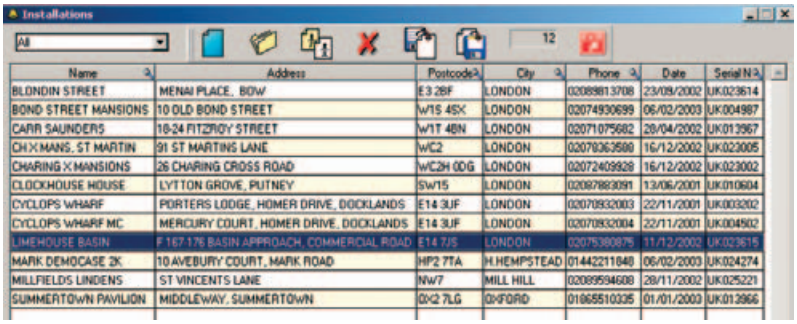
This is the General screen. At this stage, we are only interested in the ***Installation*** option. We will discuss the other options later.

*Click on **Installation***

select type of installation to view



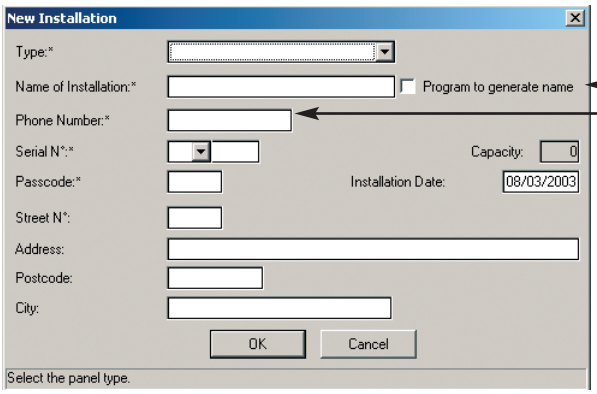
new open copy delete import export



new installation | open existing installation | copy installation | delete installation | import installation | export installation | n° of installations

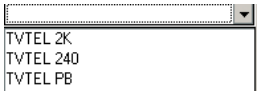
*Click on **New Installation***

The following box is displayed.



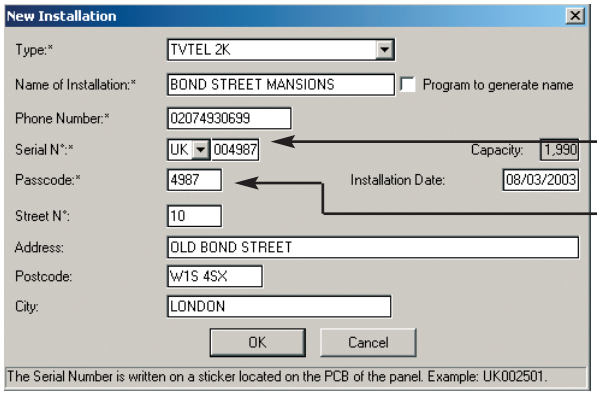
*Tick this box to have the **Program generate** a name for the **Installation** based on its street n° and address.*

*The **Phone Number** cannot have spaces, blanks, hyphens, underscores or colons.*



*Select the type of **TVTEL** panel installation*

Enter the required information.



*The **Serial No** is printed on a white label located on the PCB of the TVTEL panel.*

*The initial **Passcode** is the last 4 digits of the **Serial No**. Details on how to change the **Passcode** are given later.*

With all the information entered, click on ***OK***.

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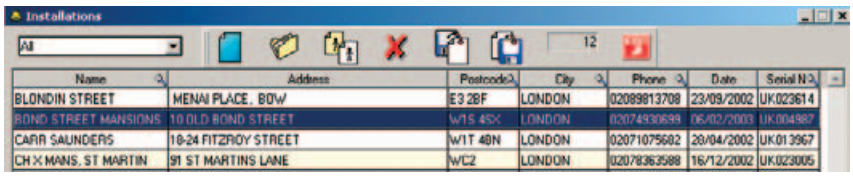
If you are opening the program in order to access an existing site:

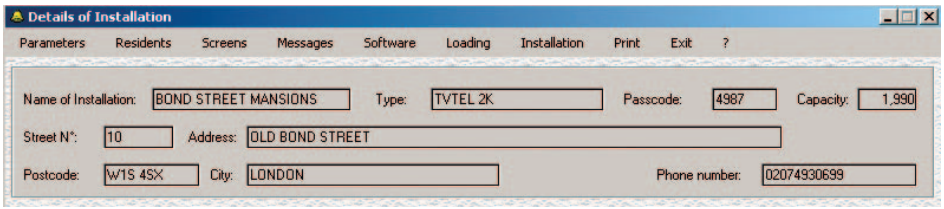


The *Installations* screen displays a listing of all *Installations*.

To select a particular *Installation* simply double click on it. Alternatively, highlight it and click on *Open*. Use the scroll bar to move up and down the listing.

Click on ***Open Installation***

The *Details of Installation* screen opens and displays the details of the relevant *Installation*.



You now have access to the title bar menus.

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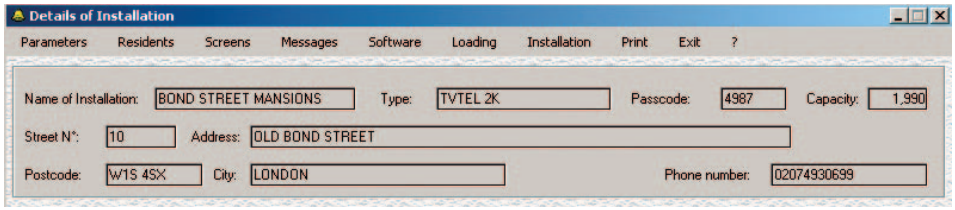
The TVTEL program is designed to manage many *Installations*. This screen displays the site that is to be worked on.

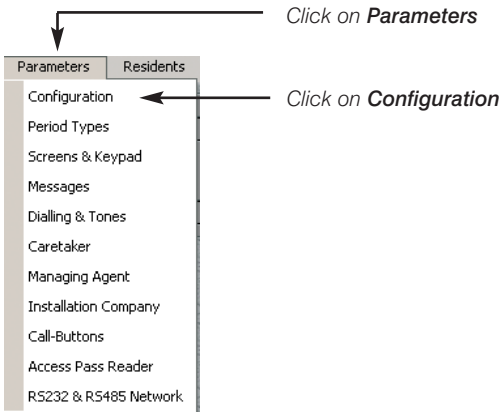
The ***Details of Installation*** screen is displayed.



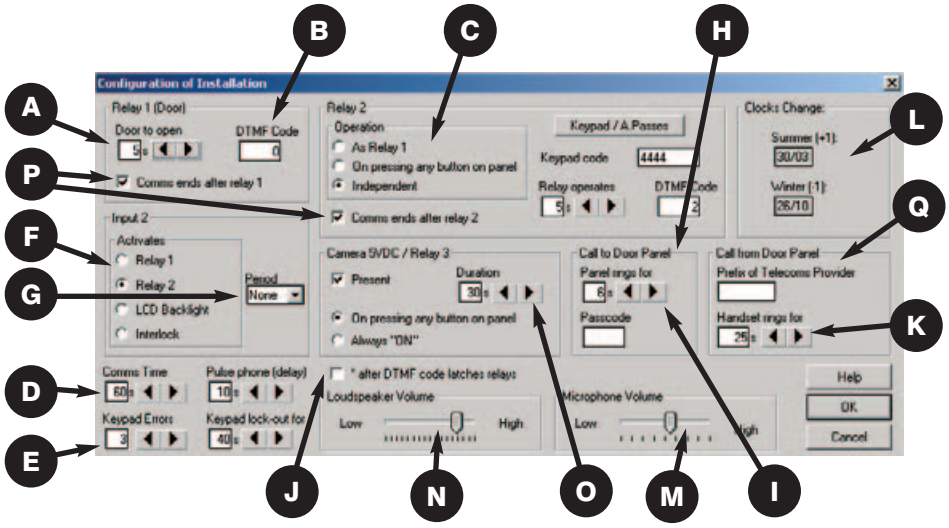
At the top of the screen, there are a number of options available for this *Installation*.

Click on *Parameters*.

A drop-down box is diplayed.



The ***Configuration of Installation*** screen is displayed.



Standard "Secrecy of Lock" feature = Resident cannot open the door without having first received a call from the panel.

A **Relay 1** is normally used to activate a door or gate. Set the number of seconds that the door is to unlock for when: Either a correct keypad code is entered or, a Resident enters the correct DTMF code on their handset.

B **DTMF Code** is the number (minimum 1, maximum 4 digits) that Residents' must enter on their handset(s) in order to remotely open the door.

C See Section 2.5.

D See Section 2.6.

E See Section 2.6.

F **Input 2** (terminals 9 + 10 of CN2) can be set to activate Relay 1, Relay 2 or the LCD screen backlighting. The default setting is obviously Relay 2.

G **Period Type** feature allows the selection of any 1 of 5 comprehensive time-zone profiles. Input 2 is disabled when the time is outside of the Period Type selected.

H **Call to Door Panel** is a feature allowing a Resident to telephone the panel (provided the Telephone Number and Passcode are known) from their standard DTMF telephone to (a) Listen in on the panel environment only or, (b) Listen and communicate with the panel. For security reasons, a Passcode must be set.

I **Panel rings for** is the length of time the panel is to ring before it answers the incoming call.

J Hold Open Feature, tick the box if you want to allow Residents to enter *after the DTMF code to, for example, hold open the gate.

K Set the length of time in seconds that the telephone called is to ring before TVTEL abandons the call or, calls the 2nd telephone number.

L Enter the date the Clocks Change. The TVTEL panel will automatically correct its time display on the programmed dates.

M Adjust Microphone Volume ie audio level, from the panel to the handset. This is not a real-time adjustment.

N Adjust Loudspeaker Volume at the panel from the handset called. This is not a real-time adjustment.

O See Section 2.5.

P Default is ON. When the Resident opens the door, the line will be cut after 5 seconds. If OFF, the Resident retains full communication rights until the comms time-out setting is reached.

Q If using a specific telecoms provider, enter their unique prefix here.

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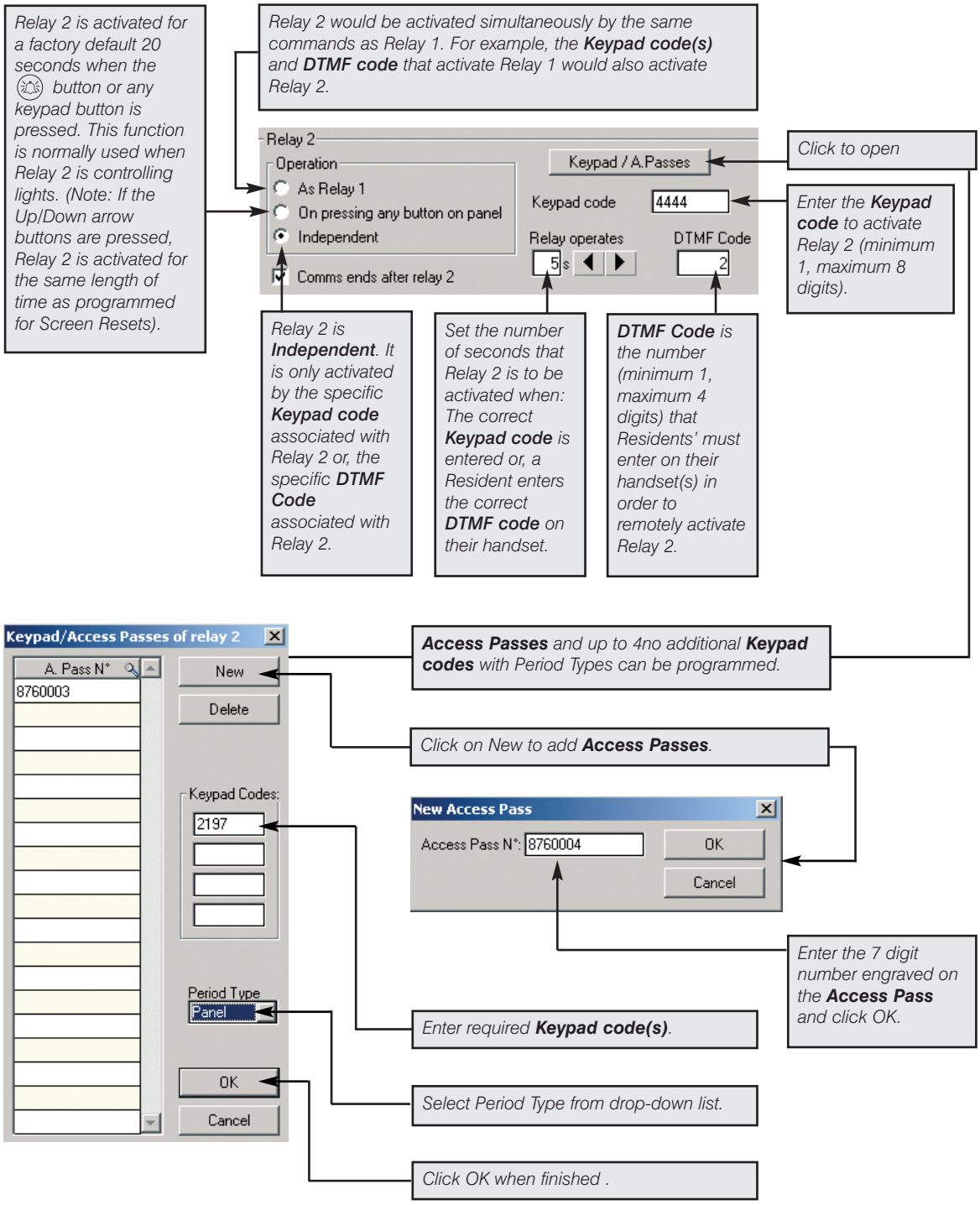
Relay 2

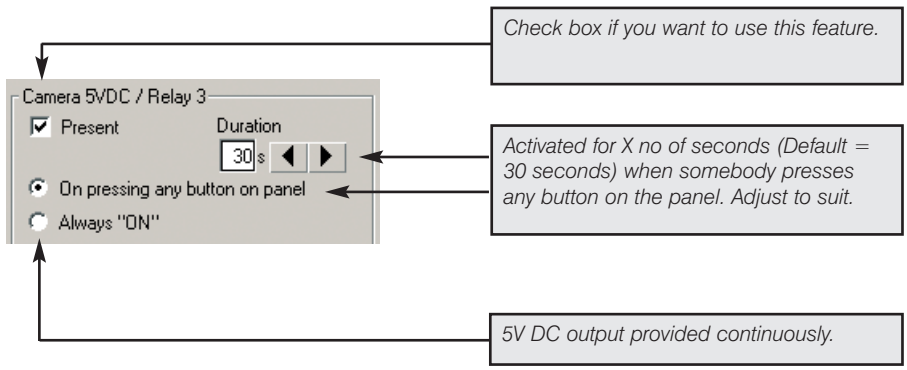
There are 3no Operation modes for Relay 2.

Note: If either the ***As Relay 1*** or ***On pressing any button on panel*** are selected, the ***Keypad Code***, ***DTMF Code*** and ***Relay operates (secs)*** parameters become totally redundant.


Relay 2 is activated for a factory default 20 seconds when the button or any keypad button is pressed. This function is normally used when Relay 2 is controlling lights. (Note: If the Up/Down arrow buttons are pressed, Relay 2 is activated for the same length of time as programmed for Screen Resets).
Relay 2 would be activated simultaneously by the same commands as Relay 1. For example, the Keypad code(s) and DTMF code that activate Relay 1 would also activate Relay 2.
Relay 2
Operation
As Relay 1
On pressing any button on panel
Independent
Comms ends after relay 2
Keypad / A.Passes
Keypad code
4444
Relay operates
5 s
DTMF Code
2
Click to open
Enter the Keypad code to activate Relay 2 (minimum 1, maximum 8 digits).
Relay 2 is Independent. It is only activated by the specific Keypad code associated with Relay 2 or, the specific DTMF Code associated with Relay 2.
Set the number of seconds that Relay 2 is to be activated when: The correct Keypad code is entered or, a Resident enters the correct DTMF code on their handset.
DTMF Code is the number (minimum 1, maximum 4 digits) that Residents' must enter on their handset(s) in order to remotely activate Relay 2.
Keypad/Access Passes of relay 2
A. Pass N°
8760003
New
Delete
Keypad Codes:
2197
Period Type
Panel
OK
Cancel
Access Passes and up to 4no additional Keypad codes with Period Types can be programmed.
Click on New to add Access Passes.
New Access Pass
Access Pass N°: 8760004
OK
Cancel
Enter the 7 digit number engraved on the Access Pass and click OK.
Enter required Keypad code(s).
Select Period Type from drop-down list.
Click OK when finished .

Camera or Relay 3

TVTEL has an RJ45 connector terminal reference CN5 used for triggering an additional relay which either activates the MIVID3 camera module for a preprogrammed number of seconds (1-300) or, is used to trigger another 3rd party device.


Check box if you want to use this feature.
Camera 5VDC / Relay 3
Present
Duration
30 s
On pressing any button on panel
Always "ON"
Activated for X no of seconds (Default = 30 seconds) when somebody presses any button on the panel. Adjust to suit.
5V DC output provided continuously.

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Communication Time

Communication time can be set from 10 to 300 seconds and applies to both: ***Calls to the Door Panel*** and ***Calls from the Door Panel***. The line will be automatically cut if the preset maximum communication time is reached.

Also, for those, thankfully, very rare occasions where a Resident is still using an outdated ***Pulse Telephone*** : the first 2 digits of the particular Resident's keypad code can be used to open the door.

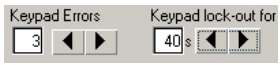
Pulse Telephone

Example: *Resident with keypad code 49801 is called from Door Panel. Resident does not have a DTMF telephone and cannot, therefore, open the door remotely from handset.* ***Pulse phone (delay)*** *has been set to 10 seconds. Resident knows visitor and advises visitor to enter the number 49 (First 2 digits of keypad code) on the panel. Visitor can open the door by entering the number 49 after the initial 10 second* ***Pulse phone (delay)*** *but before the 60 second (in this example) communication time runs-out.*

Set the maximum length of time (secs) for the Visitor to talk to the Resident. 60 seconds is the default setting.

Keypad Errors

Residents and other authorised persons ie. Services, Managing Agent, Installation Company, can be issued with keypad codes. Enter a correct keypad code and the door unlocks for the preset number of seconds.

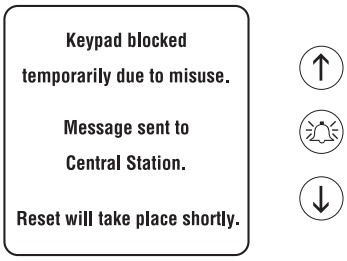


Enter length of time in seconds keypad is to shutdown (lock-out).

Enter the maximum number of incorrect keypad entries before keypad shutdown activated.

However, consecutive incorrect keypad code entries - ***Keypad Errors*** - suggest that the person is not authorised to enter the building or simply abusing the keypad. To help control this type of situation, this feature will shutdown the keypad - ***Keypad lock-out for*** - for a maximum of 300 seconds after X no of ***Keypad Errors***.

To further deter, TVTEL then visually displays on its screen:



This feature can, of course, be used in other ways:
By changing the ***Keypad Errors*** to 9 (maximum) and the ***Keypad lock-out for*** to the 10 second minimum, persons entering an incorrect keypad code will be advised of their error. It would be highly unlikely that an authorised person would make 9 consecutive errors and, even if this were to happen, the keypad would only shutdown for 10 seconds.

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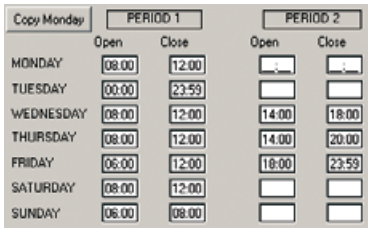
Period Types

The example shows that a ***Period Type*** is whatever you want it to be.



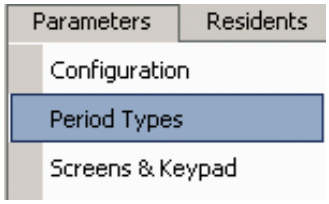
Period Types are used to further refine and customise the TVTEL system.

TVTEL has 5 ***Period Types*** – Group A, Group B, Group C, Group D and Door Panel.

A ***Period Type*** is simply the standard 7 day week but made up of either:

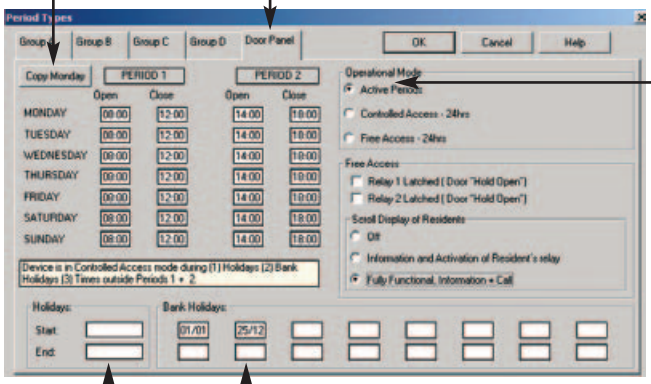
(a) 2 time zones per day
(b) 1 time zone per day
(c) 1 or 2 time zones per day
(d) Any mix of a – c.

Click on ***Period Types***.



The main ***Period Types*** screen opens.

Select the ***Door Panel*** tab by clicking it.

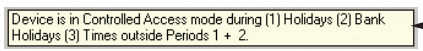


*If you want to copy the **Open** or **Close** (or both) times entered for the **Monday** to the other days of the week, simply click on **Copy Monday.***

***Active Periods** are those times within the **Open** and **Close** of **Period 1** and **Period 2**. In this example, 1500 hrs is an **Active Period** time but, 1810 hrs is not an **Active Period** time.*
*During an **Active Period** the panel displays **FREE ACCESS** with an arrow pointing to the button on the panel. Pressing the button opens the door (activates Relay 1). This feature is usually used to provide **TRADES** access in the morning between certain hours.*
*If the ↓↑ arrows are used to scroll the display during an **Active Period** to find a particular Resident, pressing the button will launch the call not open the door.*

*For security reasons: **Bank** or other **National Holiday** dates should be entered here.*

*For security reasons: If a specific **Holiday** period applies, for example; Christmas or August shutdown, enter the dates here.*



***Holiday and Bank Holidays** dates are, obviously, OUT OF HOURS ie not within the **Active Period**.*

*To save, remember to click **OK** when all of the information for this screen has been entered.*

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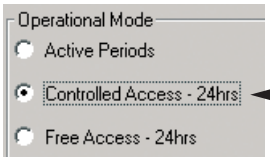
Default Setting = Controlled Access - 24 hrs

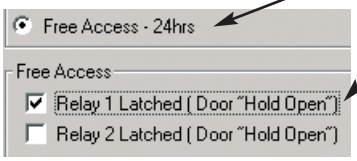


Controlled Access – 24hrs *is the most common mode of operation used because it offers the highest level of security.* ***It is the default factory setting.***

Relay 1 is activated ie the door is opened by: (a) Correct DTMF code entered on the telephone called from the Door Panel (b) Resident entering their keypad code at the Door Panel (c) Visitor entering first 2 digits of keypad code of Resident called at the Door Panel (see ***Pulse phone (delay)*** *section in Configuration).*

With ***Free Access – 24hrs*** *selected, the panel displays* ***FREE ACCESS*** *with an ➔ arrow pointing to the 2CS button on the panel. Pressing the 2CS button activates Relay 1 ie opens the door 24 hours a day. If the ↓↑ arrows are used to scroll the display to find a particular Resident, pressing the 2CS button will launch the call not open the door. (Scroll Display of Residents = Fully Functional).*

Hold Open Feature

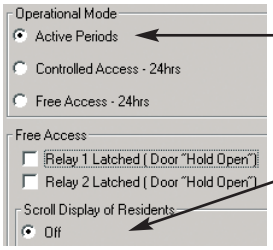


With ***Free Access – 24hrs*** *and* ***Door "Hold Open"*** *selected, the panel also displays* ***FREE ACCESS*** *with an arrow ➔ pointing to the 2CS button on the panel . The door is, however, in an UNLOCKED state 24 hours a day, so there is no need to press the 2CS button. This feature is mainly used on Visitor Days, Refurbishments, Furniture Removals / Deliveries etc.*

If the ↓↑ arrows are used to scroll the display to find a particular Resident, pressing the 2CS button will launch the call. (Scroll Display of Residents = Fully Functional).

Note: With ***Active Periods*** *and* ***Door "Hold Open"*** *selected, operation is exactly the same when time is within the Active Period.*

Turn Off Scroll Display During Active Period

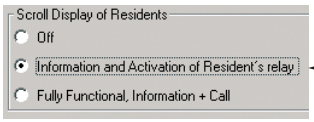


During an ***Active Period*** *ie whilst the panel is displaying* ***FREE ACCESS*** *with an ➔ arrow pointing to the 2CS button on the panel, the ↓↑ arrows used to scroll the display to find a particular Resident are totally disabled. The Scroll Display is not available. Pressing the 2CS button opens the door.*

The Scroll Display feature is automatically and fully re-enabled when the ***Active Period*** *ends.*

Note: With ***Free Access - 24hrs*** *and* ***Off*** *selected, operation exactly the same as when time is within the* ***Active Period****.*

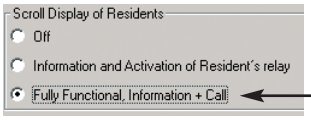
Scroll Displays Information Only During Active Period



During an ***Active Period*** *ie whilst the panel is displaying* ***FREE ACCESS*** *with an ➔ arrow pointing to the 2CS button on the panel, the ↓↑ arrows can be used to scroll the display to find a particular Resident. However, pressing the 2CS button on locating a particular Resident does not launch the call but, rather, activates the relay(s) according to the settings preprogrammed for this Resident.*

The Scroll Display feature is automatically and fully re-enabled when the ***Active Period*** *ends.*

Note: With ***Free Access - 24hrs*** *and* ***Information and Activation of Resident's relay*** *selected, operation exactly the same as when time is within the* ***Active Period****.*



During an ***Active Period*** *ie whilst the panel is displaying* ***FREE ACCESS*** *with an ➔ arrow pointing to the 2CS button on the panel, pressing the 2CS button activates Relay 1 ie opens the door.*
The ↓↑ arrows ie ***Scroll Display of Residents*** *function is fully enabled, so pressing the 2CS button on locating a particular Resident will launch the call.*

When the ***Active Period*** *ends, the fundamental and only operational difference is that pressing the 2CS button does not activate Relay 1 ie does not open the door.*

Note: With ***Free Access - 24hrs*** *and* ***Fully Functional*** *selected, operation exactly the same as when time is within the* ***Active Period****.*

Free Access – 24hrs is effectively the same as a 24 hour ***Active Period***.

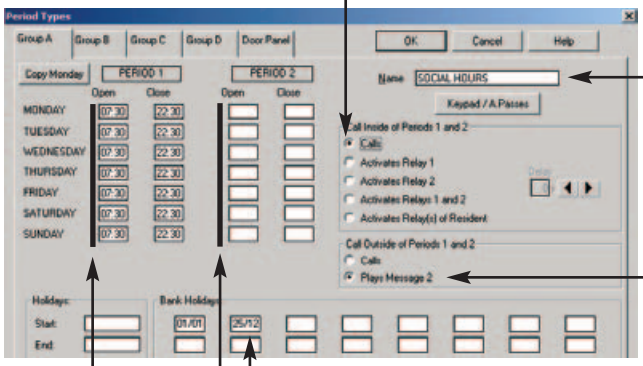
If you select ***Controlled Access – 24hrs*** as the operational mode, the following parameters are, for obvious reasons, automatically set by the system and cannot be changed:

Scroll Display of Residents = Fully Functional
Door "Hold Open" = Not available

GROUPS

Residents and Services can each be associated with any 1no. Group. The visitor at the panel is not shown the group status of the Resident or Service.

*Pressing the button on the panel, after having located the particular Resident via the ↓↑ arrows will, within the **Active Period**, launch the call to the Resident.*



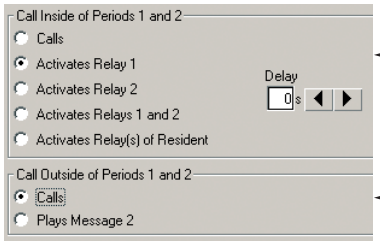
You can name this Period Type

*Pressing the button on the panel, after having located the particular Resident via the ↓↑ arrows will, outside the **Active Period** (ie 2231 hrs to 0729 hrs Monday to Sunday) , not launch the call to the Resident. Instead, the panel will play audio message no. 2 " Your Correspondent cannot be reached at this time, please try again later" and simultaneously display a similar message. This feature is usually used to protect certain residents, for example, the elderly, from nuisance calls at night.*

***Holidays** and **Bank Holidays** are treated as outside the **Active Period** ie OUT OF HOURS.*

*In this typical example, only 1no time-period profile was required to create **Group A. PERIOD 1**, therefore, shows 0730 hrs to 2230 hrs Monday to Sunday. **PERIOD 2** is not required and, therefore, shows no times. The **Active Period** for **Group A** is, therefore, 0730 hrs to 2230 hrs Monday to Sunday.*

*If not using **PERIOD 2**. Click on **Open** time to highlight, then press **Delete** button. Repeat process for **Close** time. Click on **Copy Monday** tab.*

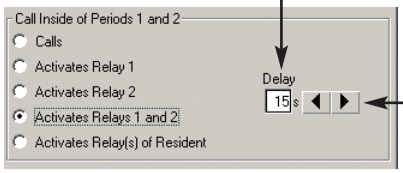


*Pressing the button on the panel, after having located the particular Resident via the ↓↑ arrows will, within the **Active Period**, activate Relay 1 ie open the door not launch the call.*

*Pressing the button on the panel, after having located the particular Resident via the ↓↑ arrows will, outside the **Active Period** (ie 2231 hrs to 0729 hrs Monday to Sunday), launch the call to the Resident.*

SIMULATED TRADES

Visitors are granted automatic access but impression given that access was monitored by Resident or Security desk.



*Pressing the button on the panel, after having located the particular Resident via the ↓↑ arrows will, within the **Active Period** activate Relays 1 and 2 but only after 15 seconds. The panel will simulate a call to make the visitor believe that access was not automatic but controlled!*

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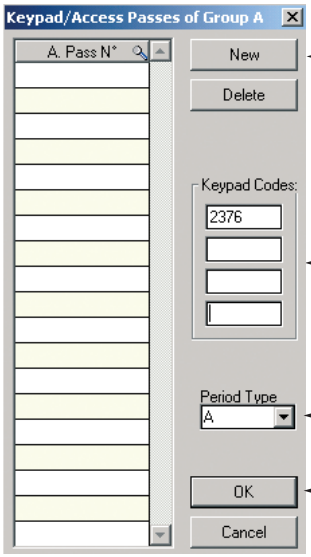
You can also provide Trades Access via Access Passes and/or Keypad Codes that only open the door at certain times.

Click on Keypad/A.Passes.



*Click on New to add **Access Passes.** Remember all **Access Passes** are represented as a 7 digit number. This number is engraved on the **Access Pass** itself.*

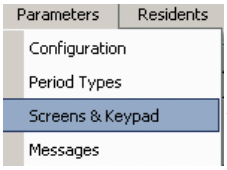
*Up to 4no. **Keypad Codes** can also be associated with **Group**. They only operate ie activate Relay 1 to open the door within the **Active Period**.*

Period Type is A.

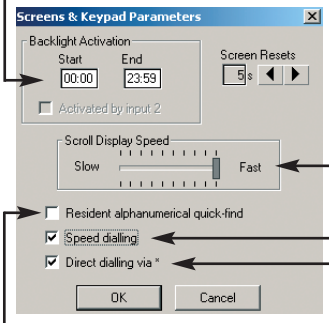
Click on OK to save.

Screens & Keypad

The screen is the display on the door panel.



*Click on **Screens & Keypad***



***Backlight Activation** brightens the display screen and is, normally, set as shown. Some installations, however, will require the backlighting feature to be off during the day ie especially bright locations.*

***Screen Resets** is the number of seconds a screen will be displayed before the display switches back to the default screen.*

***Scroll Display Speed** sets the speed at which the names displayed pass through the display when using the ⇵ buttons on the panel.*

Check this box to enable the Speed Dial feature. Visitors can now also call Residents by entering either their flat number or their personal number on the panel.

*Check this box to enable dialing of (Res/Cor) pre-programmed telephone numbers by pressing the * followed by their telephone number.*

If you check this box pressing button 5 on the Keypad will open the scroll display of names from the J's onwards, 8 from the T's onwards etc. Note: Enter # before all Keypad entry codes from now on.

Click on ***OK*** when finished.

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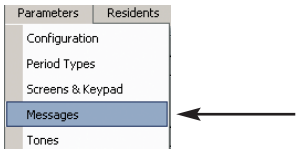
Messages

The display on the Door Panel is default set to provide the visitor with the appropriate visual information message at the appropriate time. For example: “Please Enter” would be displayed on the screen. For every visual information display message, however, there is also a corresponding audio information message.

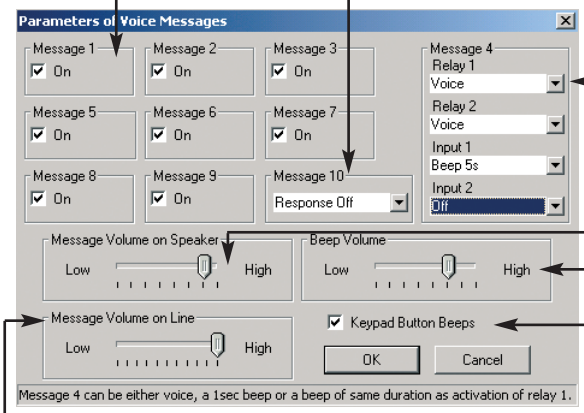
This screen allows you to select whether or not to use audio information messages in conjunction with the visual information messages. The norm is, of course, to use both types of messages together.



*Click on **Messages***

***Messages 1** - **9** are audio messages at the Door Panel. Click to insert or remove ✓.*

***Message 10** is the audio message “Call from Door Panel”. The options are: **Off**, **On**, **Response Off**. **On** = Message “Call from Door Panel” is heard by the person on their handset when they answer an incoming call from the Door Panel. This message is also heard by the person dialling from a remote handset into the Door Panel. **Response Off** = Message “Call from Door Panel” is heard by the person on their handset when they answer an incoming call but is not heard by the person dialling into the Door Panel from a remote handset.*

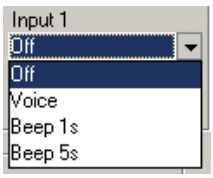


***Message 4** can be either: Voice “Please Enter” or, a 1 second beep or, a continuous beep of same duration as operating time previously set for Relay 1.*

These are the volume controls for the audio information messages and beeps only. This feature is very useful where the Door Panel is located, for example, next to a busy and noisy main road. Note: It does not affect the comms level between the visitor and the resident – see Configuration Screen.

Volume Control for system messages from panel to Resident ie “Call from Door Panel”.

For audio reassurance (ie acknowledgement) each time a button on the panel is pressed, insert a ✓.



Inputs 1 and 2 ie the R.T.E. (Volt Free) inputs can also be programmed so that when triggered, the panel either

A. Activates the message “Please Enter”.

B. Activates a 1 second beep.

C. Activates a continuous beep of same duration as operating time previously set for Relay 1.

Note:
If message 10 is OFF, there is no audio message "Call from Door Panel" to inform the person answering the call from TVTEL. Go to Parameters, Configuration and set Pulse Phone Delay to 1 second. There will now be a short beep 1 second after the call has been answered and simultaneous activation of the comms.

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Audio Message No		*Event Type*
1	*Please wait your call is in progress.*	Each time a call is made.
2	*Your correspondent cannot be reached at this time, please try again later.*	Visitor presses the button to call a ***Resident*** at a time which is outside of ***Periods 1 & 2*** ie OUT OF HOURS as set for the ***Group/Period Type*** associated with this ***Resident***. ***This Resident does not want to be disturbed after hours.***
3	*You have dialled incorrectly.*	Visitor has entered an incorrect telephone number on the panel.
4	*Please enter.*	A correct keypad code has been entered on the panel or Resident has activated the door from handset.
5	*Sorry the line is busy, please try again later.*	Resident is engaged on the telephone ie the line is occupied.
6	*Sorry no answer, please try again later.*	There is no answer from the 1st telephone number called and, if applicable, no answer from the 2nd telephone number.
7	*The code entered is incorrect.*	An incorrect keypad code has been entered on the panel.
8	*Sorry your call cannot be made, please try again later.*	Spare
9	*Please dial your Correspondent's telephone number.*	***Resident's*** status is ***Protected***,therefore, when visitors press the to call, the panel asks them to enter the ***Resident's*** telephone number.
10	*Call from Door Panel.*	Message heard by ***Resident*** on the telephone handset when answering call from door panel.

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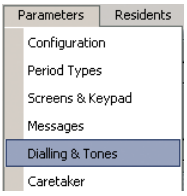
Tones

The BT line ***serving the Door Panel only*** should be:

A Single line PBX.

B ***"Ring Back Prompt"*** must be removed.

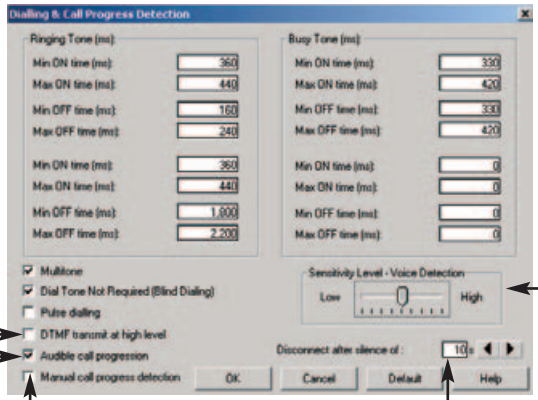
Simply dial 150 for BT Customer Services and go to Sales or Billing. Ask to have the ***"Ring Back Prompt"*** and the ***"Ring Back Facility"*** removed from the telephone line that is connected to the Door Panel.



*Click on **Dialling & Tones***

Default British Telecom settings ie Ringing Tones and Busy Tones already set.

If the Door Panel is connected directly into a PABX system, check the relevant technical information for the PABX model and amend settings, if applicable.



Tick this box if you are having problems with the reception of the DTMF tone.

Default is ON. Allows Visitor to hear dial tone.

Ignore, used for test purposes only.

The higher the sensitivity setting, the quicker the system detects that the Resident has answered the phone. In situations where there is lots of "noise on the line" it is advisable to reduce the sensitivity level setting.

Audio conversation is detected by the system. Set the number of silence seconds allowed before disconnection – if nobody talks, the telephone line will be automatically disconnected.

Click on ***OK*** when finished.

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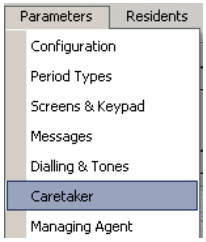
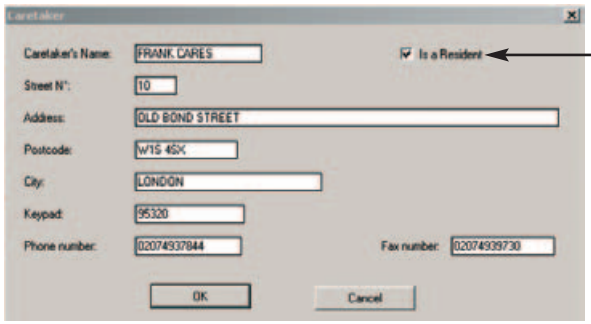
Caretaker



*Click on **Caretaker***

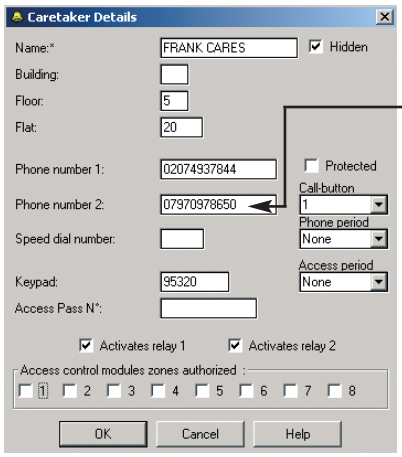
Enter the relevant information for the Caretaker.



*If the **Caretaker** lives in the building or is, anyway, to be contactable from the Door Panel, insert a ✓.*

Click on *OK* when finished.

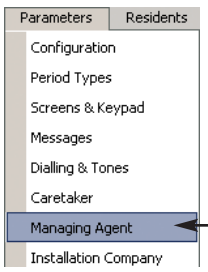
Enter the relevant information for the Caretaker.



Enter a 2nd contact telephone number for the Caretaker, for example, a mobile or pager number. The system will automatically dial the 2nd telephone number, immediately after it has dialled the 1st telephone number and received no response. The Caretaker is, therefore, also contactable when not in his flat.

Click on *OK* when finished.

Managing Agent



*Click on **Managing Agent***

*Click on **Add Managing Agt.***

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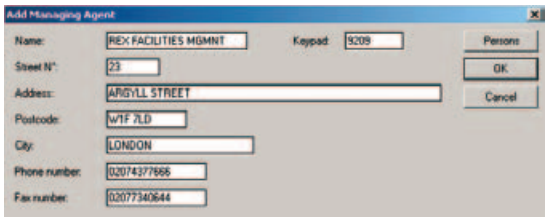
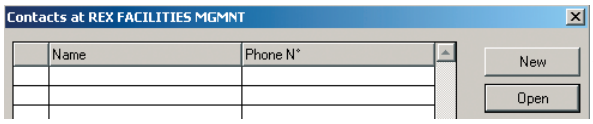
Enter the relevant information for the Managing Agent.

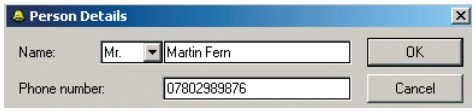


*Click on **Persons***



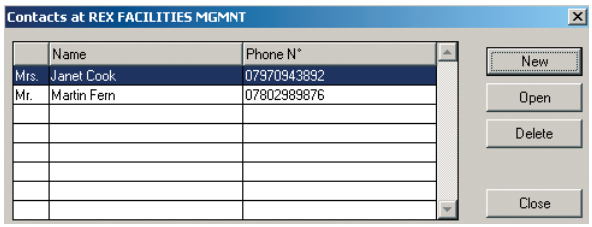
*Click on **New***

Enter the details for all the relevant contact persons at this Managing Agent.

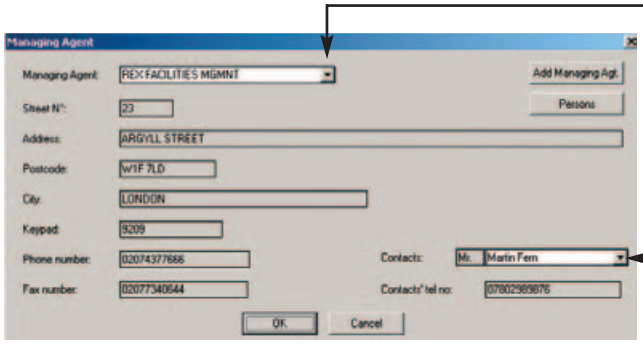


Click on *OK* when finished.

The new contact person(s) will be added to the list of existing (if any) contact persons.



The Contacts listing is specific to the Managing Agent selected.



Click on the ▾ to display the list of Managing Agents (if any) already entered and select accordingly.

Click on the ▾ to display the list of Contacts (if any) already entered and select accordingly.

Click on *OK* when finished.

Installation Company

The Installation Company tab functions in exactly the same way and with the exact same sub-screens as the Managing Agent tab. Repeat the exact same processes as described earlier.

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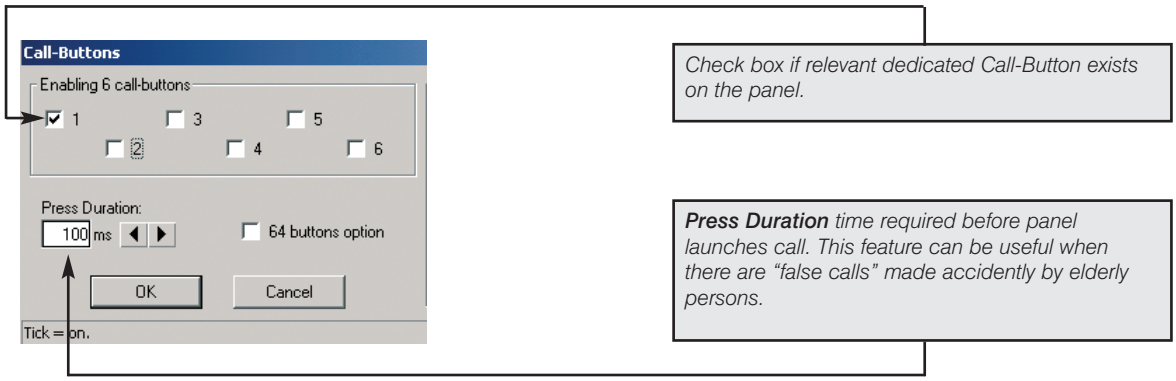
Call Buttons

Up to 6no. **Call-Buttons** can be included on the Door Panel.

The scroll display function, of course, remains available. The **Call-Button** feature is simply an additional convenience to make TVTEL even more user friendly.

*Click on **Call-Buttons***



Check box if relevant dedicated Call-Button exists on the panel.

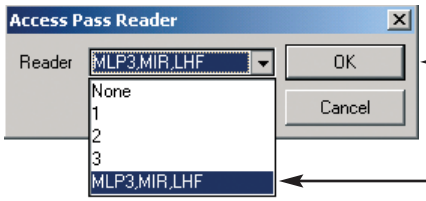
***Press Duration** time required before panel launches call. This feature can be useful when there are "false calls" made accidently by elderly persons.*

*Click on **OK** when finished.*

Access Pass Reader

If the TVTEL® panel has an integral Noralsy® proximity reader (or, Noralsy® radio receiver, infra-red receiver etc) then you must enable this feature.

*Click on **Access Pass Reader***



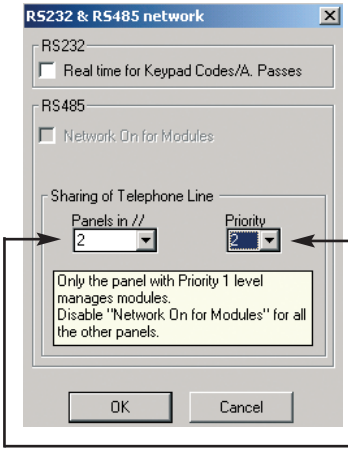
Select from drop down list.

Click OK when finished.

NOTE: Make sure also selected if T-RS485 modules connected to TVTEL® 2K.

Sharing Telephone Lines

Click



Enter the number of panels sharing the same telephone line and then set each with a Priority "Level" ie. which answers an incoming call 1st, 2nd etc.

Note: All panels must be interlinked via an RS485 bus.

Up to a maximum of 5no TVTEL 2K panels can be connected together via an RS485 bus, connector on PCB reference CN5.

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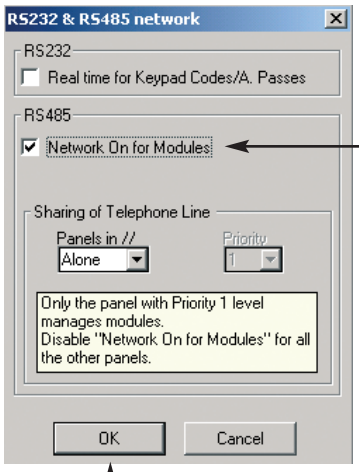
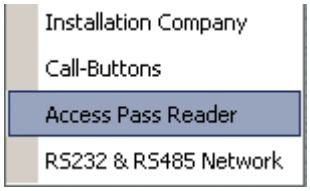
T-RS485 Modules

If there are additional **Access Pass Reader** controlled doors connected to the TVTEL® 2K panel via an **RS485** bus, then this feature must be enabled.

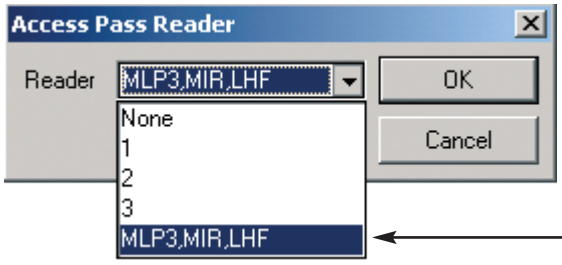


Click to enter tick to enable this feature.

*Click on **OK**.*

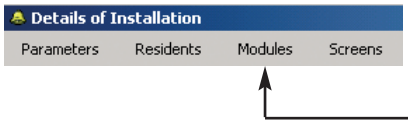


Now select… ***Access Pass Reader***.



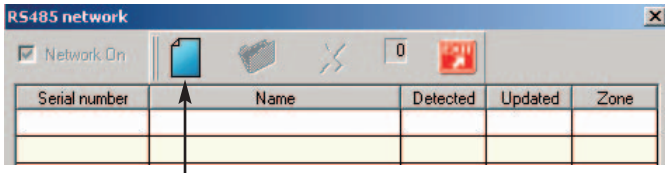
Open drop down menu and select… ***MLP3, MIR, LHF***. Click OK.

An additional section, **Modules**, is now added to the title bar.



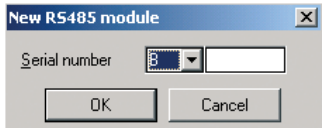
*Click on **Modules** to open the RS485 network screen.*

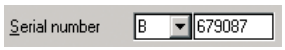
The following screen opens.



*Click on **New** icon to add a T-RS485 module.*

The **New RS485 module** box opens. The 6 digit serial number is printed on a sticker inside the module itself.





Enter the 6 digit serial number and click OK when finished.

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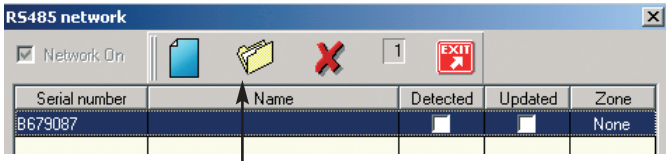
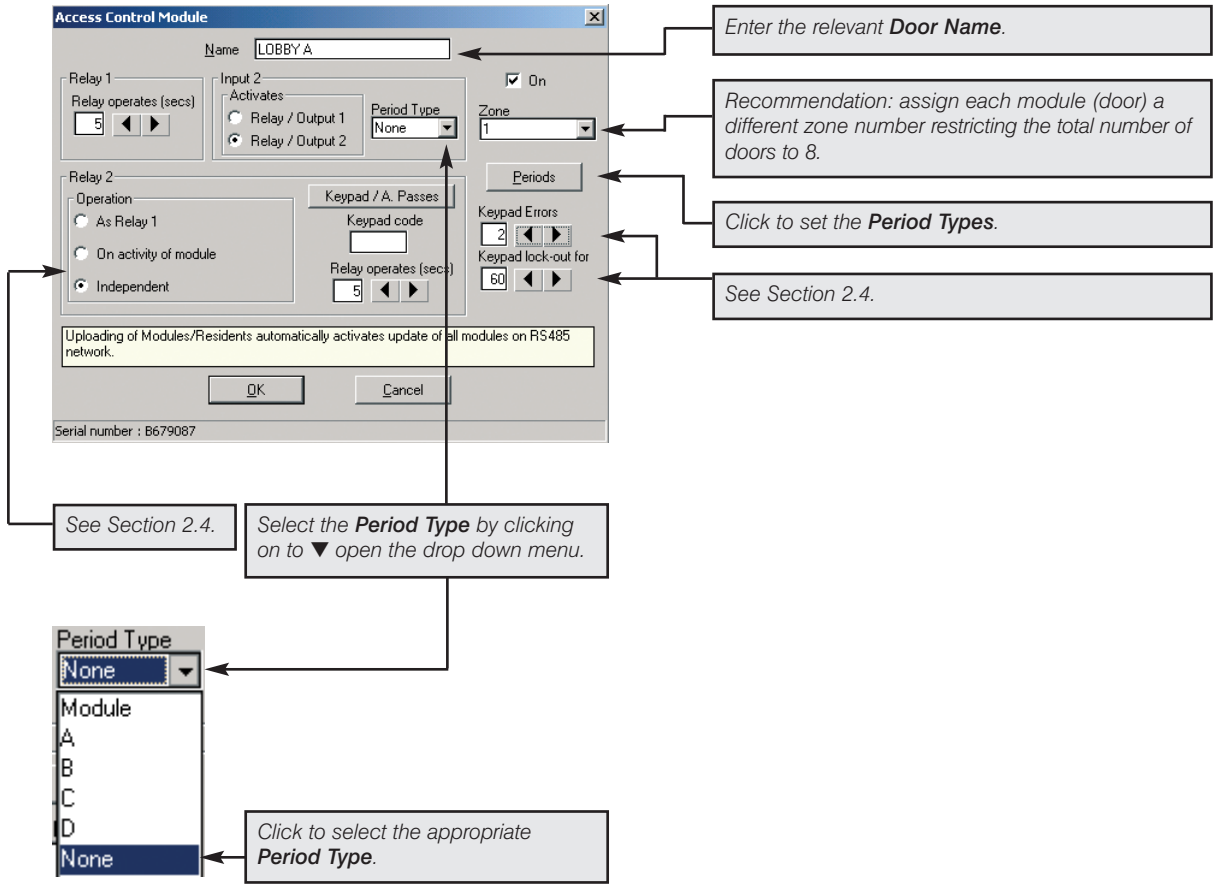
The module now appears on the screen. Double click on it to open.



*Highlight the module and click on **Open**.*



There are 8nº Zones which are used to differentiate and authorise/restrict access as required.

For example:

Door A associated with Zone 1.
Door B associated with Zone 2.
Door C associated with Zone 1.

If the Resident is authorised for Zone 1 that means Door A and Door C.

Residents are then authorised per Zone. In this way, a maximum of 16nº T-RS485 modules can be connected to 1nº TVTEL® 2K panel. Alternatively, restrict the maximum number of T-RS485 modules to 8nº and assign each with a different zone number ie. Zone 1 = Door 1, Zone 2 = Door 2 etc.

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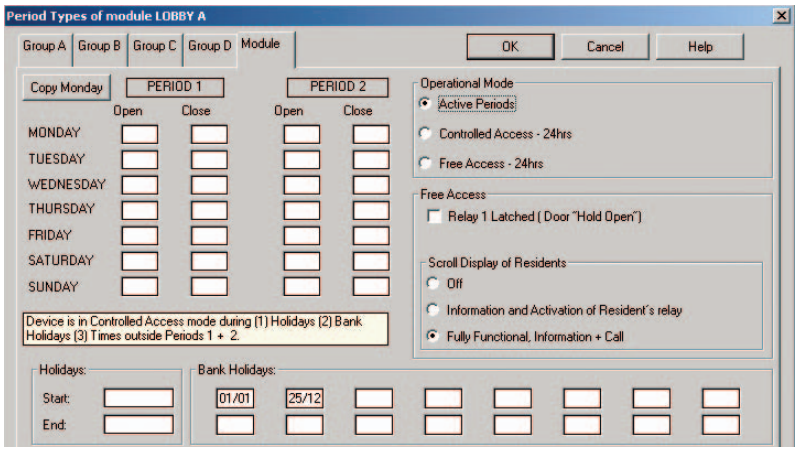
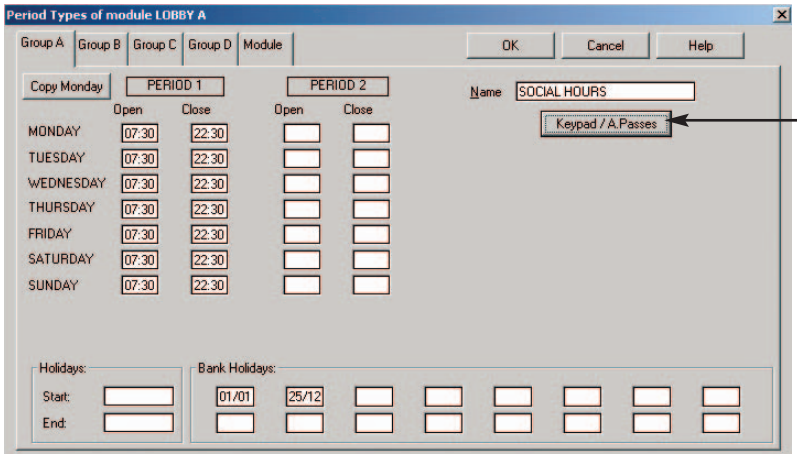
The **Period Types for module Lobby A** opens. The default setting is Controlled Access. If required, check the radio button “Active Periods” and set time zone profiles for Module. When finished click OK.



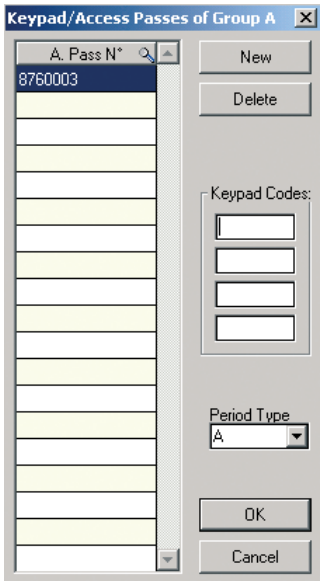
There are 4no other **Group Periods** available, A–D. Each can be named and have specific **Access Passes** / **Keypad Codes** assigned to it.



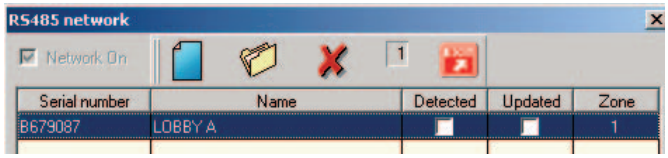
Click.

You can now enter the relevant **Access Passes** (and/or **Keypad Codes** if a keypad is connected to the module) that you want to assign to Group (Period Type) A.

Click OK when finished.



The new module data is now ready for uploading from the PC to the actual module itself via the TVTEL® 2K and the RS485 bus.



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Connect to TVTEL 2K and upload ***Parameters***. Then upload ***Modules***.

The T-RS485 module should be connected to the RS485 (CAT5) network bus. If it is powered up, turn off the power, wait 30 seconds, turn the power back on.

The T-RS485 module should automatically identify itself to the TVTEL 2K. Note: The T-RS485 module identifies itself each time it is powered up.

If connected, click on ***Modules*** in the ***Downloading*** / ***Updating PC*** section, ***'Importing of Modules'*** and click ***OK***.

The TVTEL 2K is not part of any Zone.

Now go to ***Residents*** and enter their ***Access Rights*** by checking the relevant ***Zones (Doors)***. When finished, click on ***OK***.

You must now reconnect to the TVTEL 2K and upload the ***Residents*** data.

Notes:

(1) T-RS485 modules cannot be connected to TVTEL 2K if 64 Call-Button option in use.

(2) MLP3-TVT proximity reader cannot be connected to TVTEL 2K if 64 Call-Button option in use.

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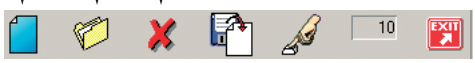
Residents

Adding Residents, Names, Flats etc to the system.

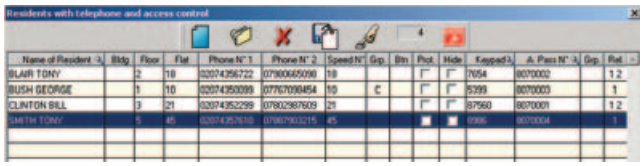
*Click on **Residents***

*Click on **Tel+Access***

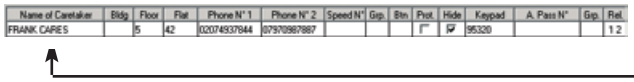


new resident
open resident
delete resident

n° of residents
universal keypad code
import resident



*All the **Residents** and all their details are displayed on this screen. Use the scroll bar to move through the listing.*



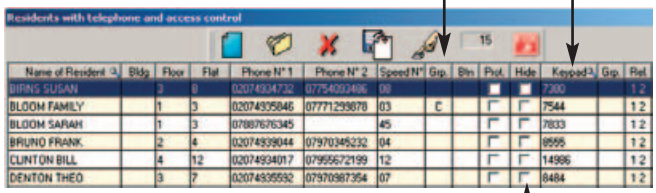
*The **Caretaker** information entered earlier is also displayed on this screen as **Is a Resident** was previously ✓.*

*Only if appropriate for this site, click on **Universal Code** and then enter a **Keypad Code** that is going to be used by all the **Residents**. This **Keypad Code** will be valid at all times until changed or deleted. When finished, click on **OK**.*

We want to program people into the system and refer to them as **Residents** although, in a work environment, they would actually be Employees.

***Group,** see **Period Types** section.*

*Each **Resident** can have a personal **Keypad Code** which is either valid at all times or Group/Period Type controlled.*



***Hidden**: If **YES** selected, no details whatsoever regarding this **Resident** will be displayed on the screen of the Door Panel.*

***Protected**: If **YES** selected then the visitor cannot call the **Resident** by pressing the ☹. Instead, the panel displays and, simultaneously, plays a message advising the visitor to "Please dial your correspondent's telephone number". In this way, **Residents** can be protected from: (a) Being unnecessarily disturbed by strangers during unsocial hours (b) Receiving nuisance calls ie children playing with the panel.*

*Click on **NEW** to add a **Resident.***

Click

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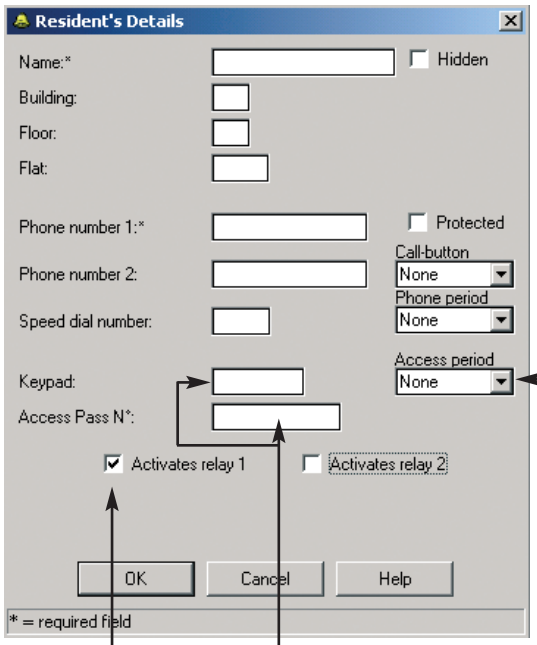
The following **Resident's Details** screen is displayed.

Enter the relevant information. When finished, click on **OK**.



***Hidden**: If **YES** selected, no details whatsoever regarding this **Resident** will be displayed on the screen of the Door Panel. Visitors will need to know that Resident lives here and will need to enter either (1) * followed by telephone number (2) A special speed dial number 2-4 digits in length.*

***Protected**: If **YES** selected the visitor cannot call the **Resident** by pressing the (123). Instead, the panel displays and, simultaneously, plays a message advising the visitor to "Please dial your correspondent's telephone number". In this way, **Residents** can be protected from: (a) Being unnecessarily disturbed by strangers (b) Receiving nuisance calls ie children playing with the panel. Visitors will need to enter either (1) The telephone number after TVTEL prompts them (2) A special speed dial number 2-4 digits in length.*
Note: Protected status – If the telephone number physically dialled is busy or there is no answer, the system will not automatically dial the 2nd telephone number.

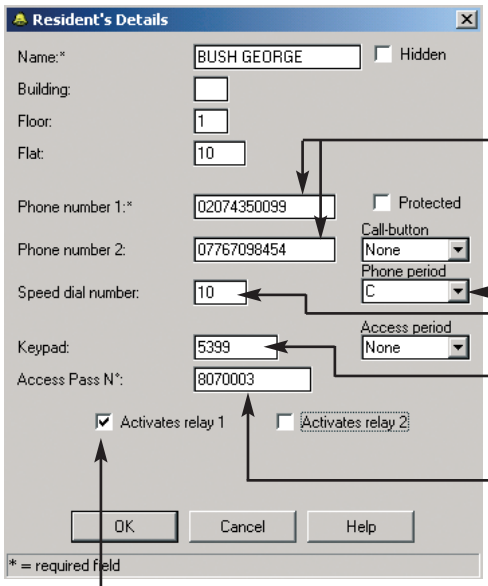
Use to assign dedicated button on panel, if applicable.

Resident can be associated with a Period Type, for example, to be protected from nuisance calls during anti-social hours.

The Resident can be given an Access Pass and/or Keypad entry code. Both can be Time Period controlled.

Enable/Disable Lock Release rights for either/both Relay 1 or 2.

In this completed example, the **Resident** George Bush has:



2no telephone numbers programmed. *If the 1st telephone number dialled is busy or there is no answer, the system will automatically and immediately dial the 2nd telephone number. Managing Agents often, in the larger buildings, standardise the usage of this feature ie Residents are allowed only 1no telephone number with the 2nd telephone number being that of the Concierge or Security Desk.*

Phone Period Type C
See Period Types, Groups.

Speed Dial number of 10.
Resident chose to have Speed Dial number correspond with flat number.

Keypad entry code 5399.

Access Pass N° 8070003.

Authorisation to activate relay 1 only.

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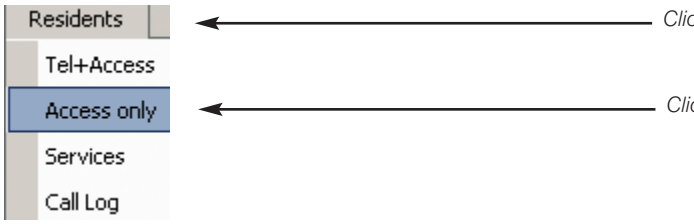
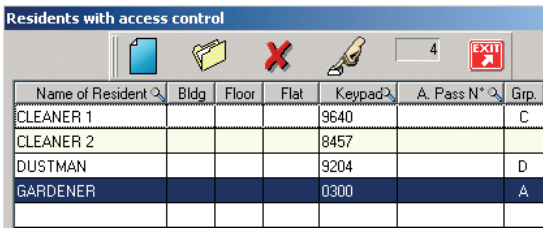
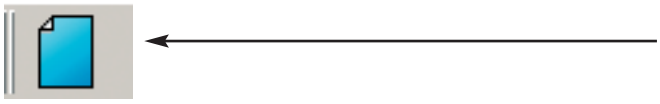
Access Via Keypad Codes Only



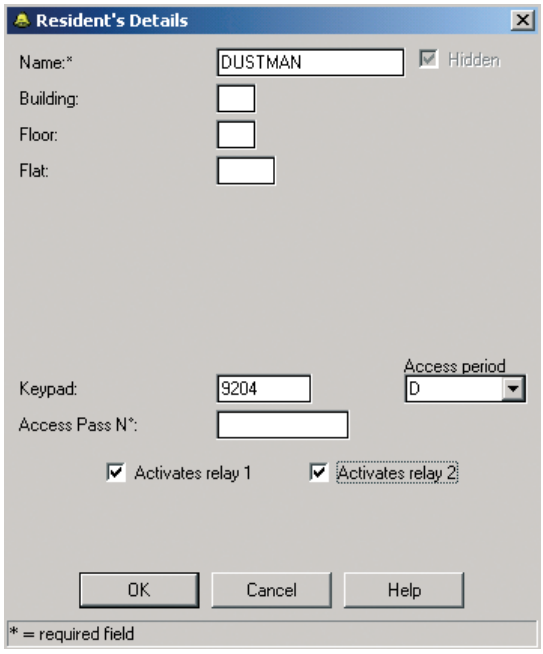
List of Persons issued with Keypad codes. These people do not require telephone numbers.



Provide access into the building via a Keypad Code to certain persons and then restrict usage of the Keypad Code to a particular Period Type if required.



Enter the relevant information. When finished Click OK.



Dustman has Keypad Code 9204 restricted to Access Period D and can activate Relay 1 and Relay 2.

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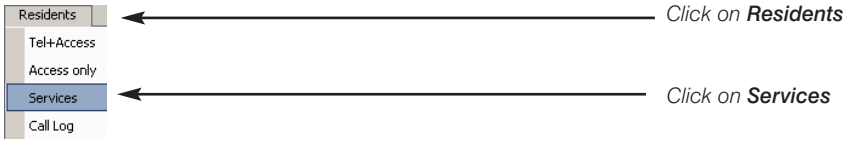
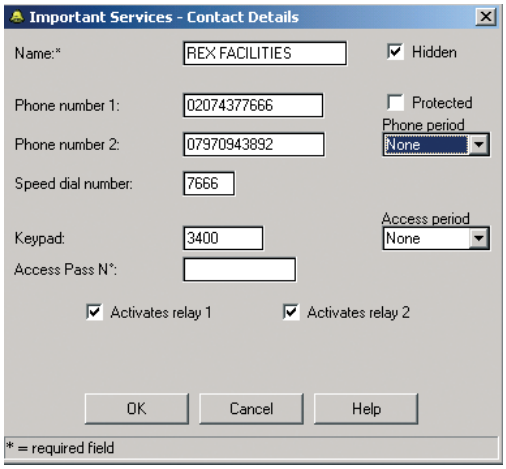
Services

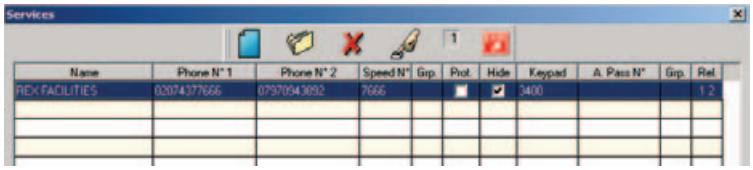


Click on **New**

The **Details of Services** screen is displayed.

Up to 10no. **Services** can be entered.





All programming and functionalities of the **Services** section and sub-screens are as per the **Residents** section.

Residents can be advised that, in the event of an emergency, they can contact, for example, “Joe Plumber” by entering 900 on the panel.

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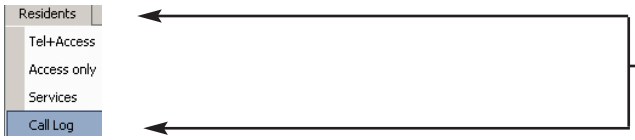
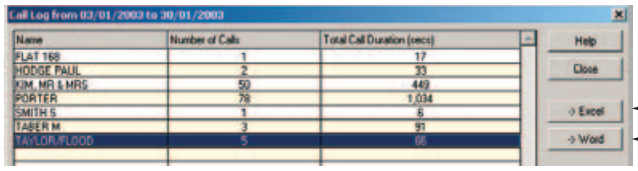
Call Log



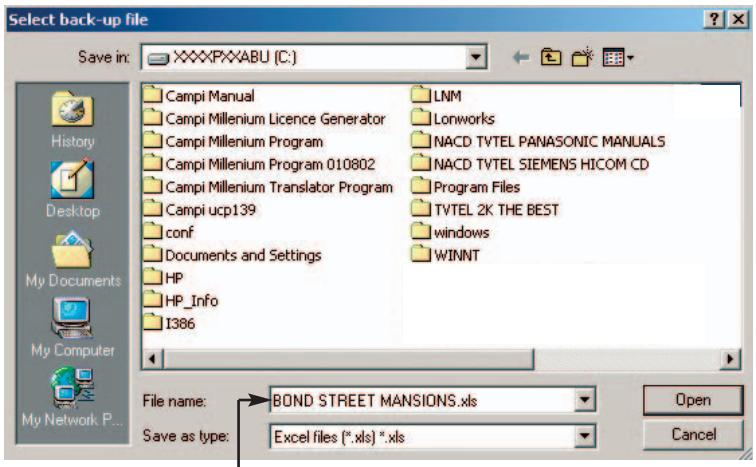
*Click on **Residents** and select **Call Log** from the drop-down box.*

The *Call Log* screen displays the quantity and duration of calls made to each individual in the building.



*If you want to save the **Call Log** information, you have a choice between saving in Excel or Word formats.*

You can select where and how to save the data.



You can choose your own name for the file.

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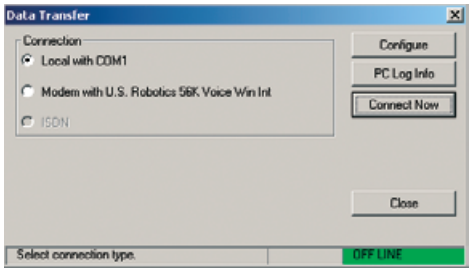
Programming Panel

All programming changes effected at the PC, for example: ***Parameter*** modifications, additions or deletions of ***Residents*** etc must be uploaded from the PC to the panel to take effect.

*Click on **Loading**.*

The ***Data Transfer*** screen opens.

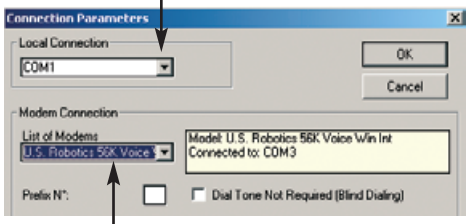


*Click on **Configure**.*

Status

Select a free COM port if connecting locally.

The ***Connection Parameters*** screen opens.



Select which modem to use.

Connection to the TVTEL panel can be made in 2 ways:

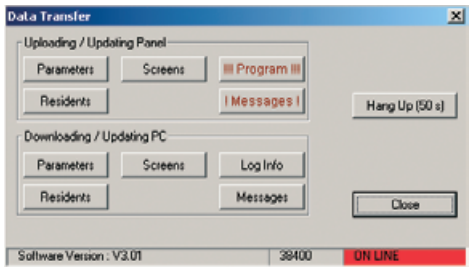
(1) From a COM (Serial) Port of a Laptop or PC to Connector CN6 on the printed circuit board of the Panel using the cable with DB9 connectors supplied (RS232 bus).

(2) Remotely from a PC via an analogue modem (maximum speed 33600 bps) via the PSTN (British Telecom network) or internal PABX.

Click on ***OK*** when finished.

Click on ***Connect Now***.

The ***Data Transfer*** screen opens. Status = ON LINE.



Status

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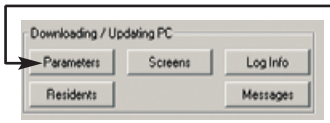
Import / *Download*

Every setting and configuration programmed relating to *Parameters* will be downloaded onto your PC or Laptop.



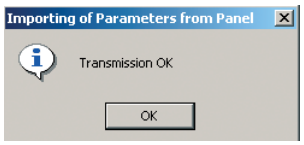
Click on *Parameters* to import the parameters currently stored in the panel onto your PC or Laptop.

Click

To make sure that your PC or Laptop has the latest data simply download the relevant files from the panel i.e. update your PC with the data that is in the panel. Then make your changes, for example, adding a Resident. Finish by uploading the new updated file(s) to the panel.

During the download, the Windows file transfer indicates progress.

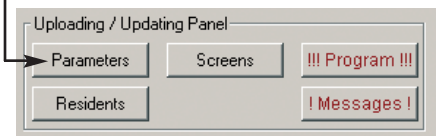
Downloads are always acknowledged by the Panel whether successful or not.



Export / *Upload*

All programming is effected at a PC or Laptop. This programming has to be sent (uploaded) to the Panel for it to take effect.

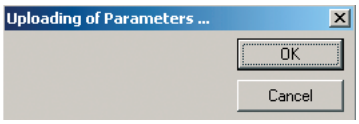
Click on *Parameters*.



Exactly the same procedure would be followed for *Residents*, *Screens*, *Messages* and *Program*.

Remember, always download data first, make your changes and then upload those changes.

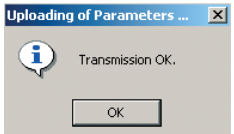
Every setting and configuration programmed in all of the *Parameter* submenus and sections will be uploaded to the panel.



Click

During the upload, the Windows file transfer indicates progress.

Uploads are always acknowledged by the Panel whether successful or not.



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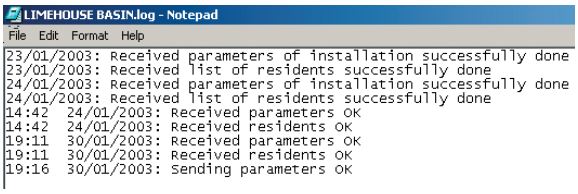
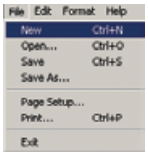
TVTEL is more than just an entry system. It is a management tool and, therefore, information on updates, whether uploads or downloads, is made available to the relevant authorised persons. This feature is especially useful when managing many different installations.

Click on *PC Log Info*.

A listing appears of all update actions.


LIMEHOUSE BASIN.log - Notepad
File Edit Format Help
23/01/2003: Received parameters of installation successfully done
23/01/2003: Received list of residents successfully done
24/01/2003: Received parameters of installation successfully done
24/01/2003: Received list of residents successfully done
14:42 24/01/2003: Received parameters OK
14:42 24/01/2003: Received residents OK
19:11 30/01/2003: Received parameters OK
19:11 30/01/2003: Received residents OK
19:16 30/01/2003: Sending parameters OK

Simply use the features available under Microsoft® Notepad to manipulate the information to your requirements ie Save, Print etc.



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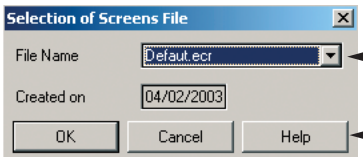
Screens

*Click on **Screens**.*

The *Selection of Screens File* opens.



*The standard **Defaut.ecr** screen is the default and should be used.*

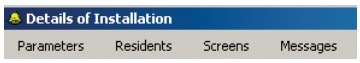
Click if you want information on how to create customised screen files.

Select customised screenfile

All the information you need to create a customised screen file is available in the Help Section.

If you have customised some of the screens for your particular installation and saved under a different file name, click on the ▼ to see a list of screen files and select accordingly. Click on ***OK*** when finished. You will need to upload the customised screen file to the Panel for it to take effect.

Audio Messages



*Click on **Messages.***

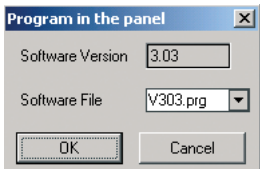
English V3.son is the default audio message file.

All the information you need to create a customised audio message file is available in the Help Section.

Software

*Click on **Software**.*

The *Software* box details the version and file.



This function is mainly used to update *TVTEL® 2K Installations only* with the latest software releases.

Click on ***OK*** when finished.

IMPORTANT
PANEL SOFTWARE UPDATES VIA MODEM RESTRICTED TO TVTEL® 2K ONLY. NOT SUITABLE ON TVTEL® PB OR 240 PANELS.

NOTES:

(1) A version 2 panel cannot have version 3 software loaded onto it and vice-versa.

(2) The last Version 2 software program was V209.prg and should be uploaded onto all TVTEL 2K panels running earlier editions of Version 2.

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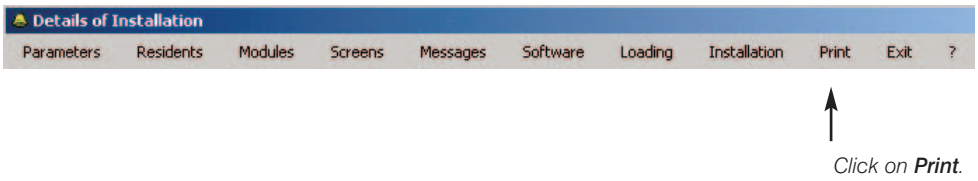
Printing

Saving all the system information ie backing-up all the data of the ***Installation*** should be a standard procedure.

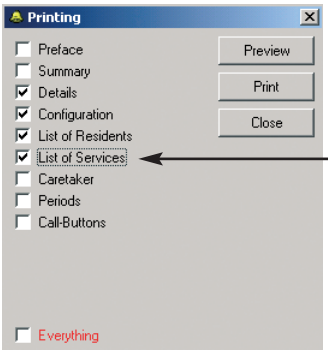
An up to date printed copy of all the data is also essential for the efficient and easy day to day administration of any ***Installation***. Create your own "System Folder" full of all the relevant printouts.



*Click on **Print**.*

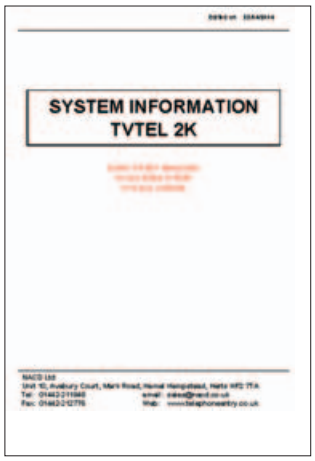
The *Printing* screen appears.

To move from one page to the next, press the ***Esc*** (Escape) button.



Select the report printouts by clicking with your mouse to insert a ✓ where relevant.

A few sample screens:



RESIDENTS 22/04/2004

Name	Bldg	Floor	Flat	Phone 1	Phone 2	Speed No	Group	Protected	Hidden	Keypad	Access Pass No	Group	Relay
BLAIR TONY		2	18	02074356722	07980650398	18		No	No	7654	8070002		1-2
BUSH GEORGE		1	10	02074350099	07767098454	10	C	No	No	5399	8070003		1
CLEANER 1								No	Yes	9640		C	1
CLEANER 2								No	Yes	8457			2
CLINTON BILL		3	21	02074352299	07802987609	21		No	No	87560	8070001		1-2
DUSTMAN								No	Yes	9204		D	1-2
GARDENER								No	Yes	0300		A	1
SMITH TONY		5	45	02074357610	07887903215	45		No	No	8986	8070004		1

Number of residents: 8

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Edited on 04/06/2002

List of services

Service	Phone n°1	Phone n°2	Group	Protection	Hidden	Keypad	Group	Relay
Joe Plumber	02087653421	07802986740		NO	YES	5420		1
Managing Agent	07896889872	02078654320		NO	NO	5654		1-2
Sparky Electrics	07890565632	02078930002		NO	YES	5845		1

Edited on 04/06/2002

Details of Call-Buttons

Button n°1: On		Button n°2: Off	
Assigned to	SECURITY	Assigned to	
Call N°1	02074453434	Call N°1	
Call N°2	07070936876	Call N°2	
Button n°3: Off		Button n°4: Off	
Assigned to		Assigned to	
Call N°1		Call N°1	
Call N°2		Call N°2	
Button n°5: Off		Button n°6: Off	
Assigned to		Assigned to	
Call N°1		Call N°1	
Call N°2		Call N°2	

Edited on 04/06/2002

Caretaker Details

Caretaker's Name	Frank Cares
Flat n°	29
Building n°	E
Floor n°	2
Street n°	2
Address	Kings Road
Postcode	SW1
City	London
Telephone N° 1	02074529859
Telephone N° 2	07802985678
Fax N°	02074529422

Miscellaneous:

Caretaker considered as resident	YES
Phone Group	
Protection	NO
Hidden	NO

Access control:

Keypad	007007
Group	
Activates relay(s)	12

Edited on 04/06/2002

Group Details

Group: A

Name :

Extra Keypad Codes:

Code 1	8965	Code 3	
Code 2		Code 4	

Holidays:

Start	End

Bank Holidays:

Bank Holiday 1	01/01	Bank Holiday 9
Bank Holiday 2	25/12	Bank Holiday 10
Bank Holiday 3		Bank Holiday 11
Bank Holiday 4		Bank Holiday 12
Bank Holiday 5		Bank Holiday 13
Bank Holiday 6		Bank Holiday 14
Bank Holiday 7		Bank Holiday 15
Bank Holiday 8		Bank Holiday 16

	Period 1		Period 2	
Day	Open	Close	Open	Close
MONDAY	07:00	19:00		
TUESDAY	07:00	19:00		
WEDNESDAY	07:00	19:00		
THURSDAY	07:00	19:00		
FRIDAY	07:00	19:00		
SATURDAY	07:00	19:00		
SUNDAY	07:00	19:00		

Edited on 04/06/2002

Details of Installation

Duke of Yorks HQ
2 Kings Road
SW1 London
Phone n°: 02074529087

Installation Date 03/06/2002
Serial n° UH002466
Version 2.00
Type TVTEL 2K
Max Capacity 1,000

Caretaker:
Name Frank Cares Phone N° 02074529859
Caretaker considered as resident YES
Building n° E Floor n° 2 Flat n° 29

Installation Company:
Name Phone n°
Contact Phone n°

Managing Agent:
Name Phone n°
Contact Phone n°

Remarks:

Panel periods:

Day	1st Period Open/Close	2nd Period Open/Close
MONDAY	07:00 09:30	
TUESDAY	07:00 09:30	
WEDNESDAY	07:00 09:30	
THURSDAY	07:00 09:30	
FRIDAY	07:00 09:30	
SATURDAY		
SUNDAY		

Mode Controlled Access - 24hrs

Free access:
Door Held Open NO
Display of Residents CALL

23/04/2004

CONFIGURATION

Relay N°1:
Operates for 5 s
DTMF Code 0

Input N°2:
Activates Relay2
Period Type -

Screen1:
File Default.scr
Screen reset time 5
Scroll display speed 12
Resident alphanumerical quick-find No
Speed dialling Yes
Direct dialing via* Yes
Backlight Activation 00:00 23:59

Relay N°2:
Operating mode Independent
Operates for 5 s
DTMF code 2
Keypad ****
Period Type P
Keypad 1
Keypad 2
Keypad 3
Keypad 4

Video:
Camera Yes
Operating mode On pressing any button on pan

Free access:
Door Held-Open No
Display of Residents CALL

Miscellaneous:
Prefix of Telecoms Provider
No comms after door open signal Yes
Audible call progression Yes
Keypad errors 0
Call passcode to panel
Loudspeaker Volume 200
Microphone Volume 70
Summer time 30/03/2000
Winter time 26/10/2000
Last update of residents __/__/____
Last download of residents __/__/____
Real time for Keypad Codes/A. Passes No
RS485 Network for Modules On
Panels in // 1
Priority 1

Voice Message & Beep:
File English_V3.scn Vol. Level 5
Keypad to beep Yes
Message 1 On
Message 2 On
Message 3 On
Message 4 Voice
Message 10 Response Off
Message 5 On
Message 6 On
Message 7 On
Message 8 On
Message 9 On

Tones:

	ON		OFF		ON2		OFF2	
Ring:	350	440	160	240	350	440	1,800	2,200
Busy:	330	420	330	420	0	0	0	0

Voice Detection Sensitivity 4
Disconnect after silence of 10s
Manual call progress detection No

Durations:
Communication Time 60s
Handset rings for 25s
Panel rings for 6s
Keypad lock-out for 0s
Delay*2 Digit Code* 0s

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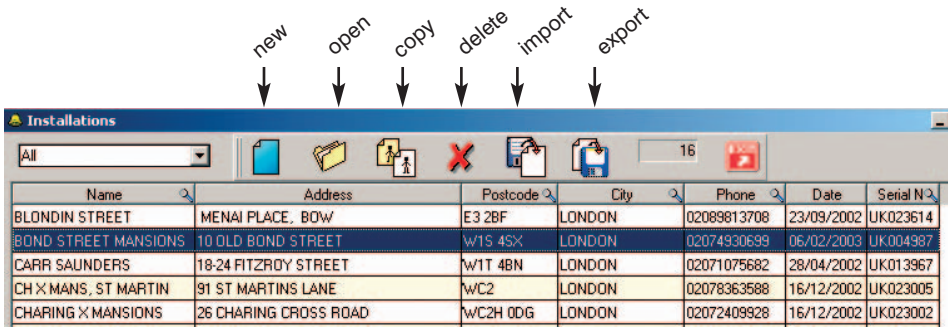
Copying

TVTEL allows you to manage any number of ***Installations*** whether they are all at 1no address "site", spread throughout the country or, indeed, in different countries around the world. An ***Installation*** = 1no. TVTEL Panel. A single "site" can very easily have numerous panels. Each panel is an ***Installation*** in its own right, nearly always with its own separate telephone line ie telephone number.

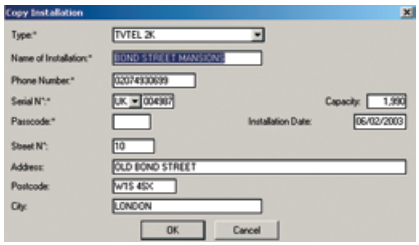
For reasons of convenience, therefore, the TVTEL program allows you to make a ***Copy*** of existing ***Installations***.

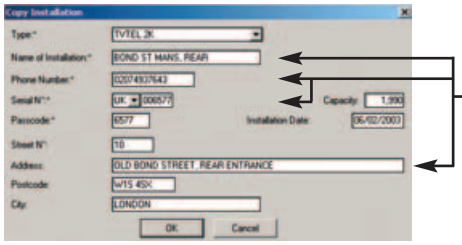


To copy a particular ***Installation,*** highlight it and click on the ***Copy*** icon. Use the scroll bar to move up and down the listing.

*Click on **Copy** icon.*

The ***Copy Installation*** screen opens with the details of the ***Installation*** that you have chosen to copy.





Change the details to those relating to the new Installation.

Click on ***OK*** when finished.

The ***Details of Installation*** screen opens and displays the details of ***Bond Street Mansions, Rear Entrance*** which is an exact copy of ***Bond Street Mansions***.

Usually most of the ***Parameter*** settings can be transferred from one ***Installation*** to another without further modification. This is not true, however, for the ***Residents*** who will have to be deleted and replaced with the new site specific information unless, of course, the ***Installation*** is an additional panel on the same site.

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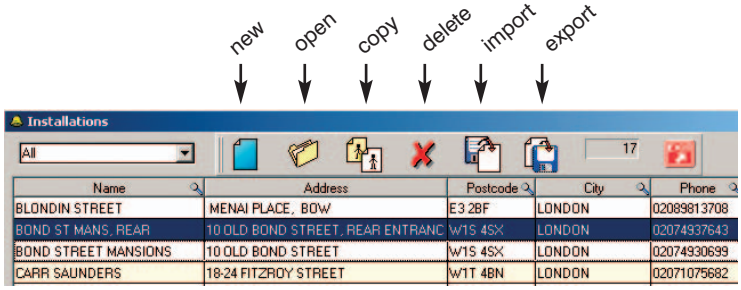
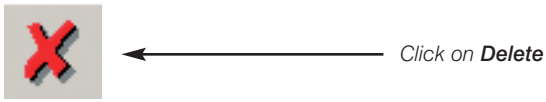
Deleting

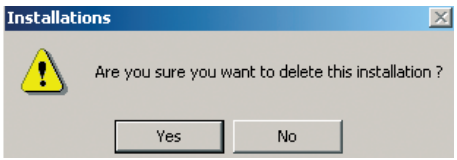
To delete an existing ***Installation*** go to the Installations screen



To delete a particular ***Installation,*** highlight it and click on the ***Delete*** icon. Use the scroll bar to move up and down the listing.



You will be prompted to make sure that you do not inadvertently delete an Installation.



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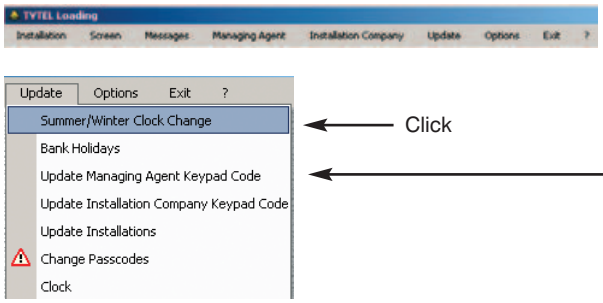
Update Menu – General Screen

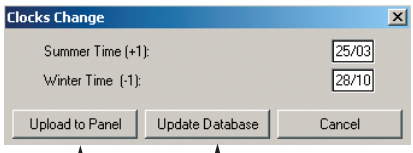
*Click on **Update** to display the following options.*



Clocks Change

The *Clocks Change* screen opens. Enter the relevant dates.

This information will be the same for all the *Installations* throughout the country.



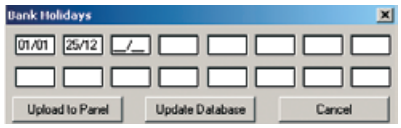
*Click **Update Database** to update the program on the PC with the dates entered.*

*Click **Upload to Panel** to upload the dates entered to the Door Panel(s).*

Bank Holidays

Click on *Bank Holidays*.

Bank Holidays
The *Bank Holidays* screen opens. Enter the dates of all the Bank or other National Holidays for the current year.
This information will be the same for all the *Installations* throughout the country.

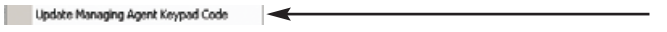


Click ***Update Database*** to update the program on the PC with the Bank Holiday dates entered.

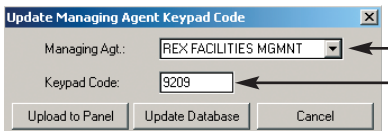
Click ***Upload to Panel*** to upload the Bank Holiday dates entered to the Door Panel(s).

Managing Agent Keypad Code

The *Update Managing Agent Keypad Code* screen opens.



Click on *Update Managing Agent Keypad Code*.



Select the appropriate ***Managing Agent*** by clicking on the ▼.

Enter the new ***Keypad Code***.

Click ***Update Database*** to update the program on the PC with the new ***Keypad Code*** for the ***Managing Agent***.

Click ***Upload to Panel*** to upload the new ***Keypad Code*** for the ***Managing Agent*** to the Door Panel(s).

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Installation Company Keypad Code

Click on *Update Installation Company Keypad Code*.

The *Update Installation Company Keypad Code* screen opens.

Select the appropriate *Installation Company* by clicking on the ▼.

Enter the new *Keypad Code*.

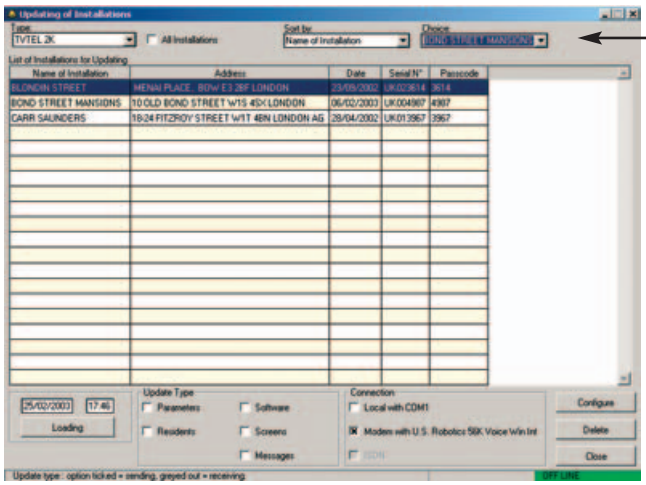
Click *Update Database* to update the program on the PC with the new *Keypad Code* for the *Installation Company*.

Click *Upload to Panel* to upload the new *Keypad Code* for the *Installation Company* to the Door Panel(s).

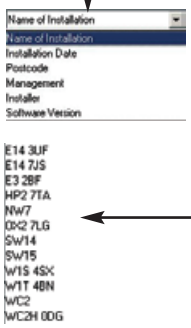
Updating Installations

Click on *Update Installations.*

The *Updating of Installations* screen opens.

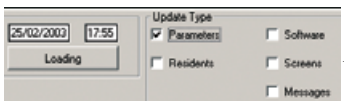


Choose how to sort (search) for your *Installation*.



For example, if you select *Postcode*, you will be asked to select from a list of postcodes.

You can select date and time of the update.



You can select what you update.

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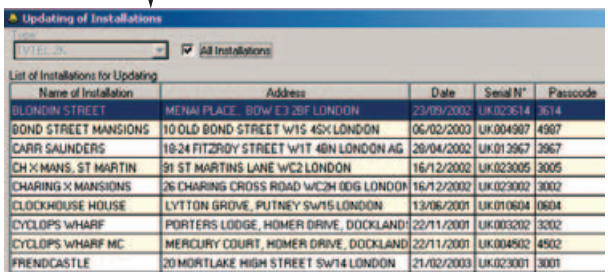
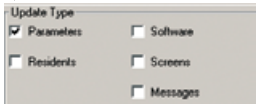


Alternatively, click to insert a ✔ in ***All Installations*** and highlight those you wish to update.



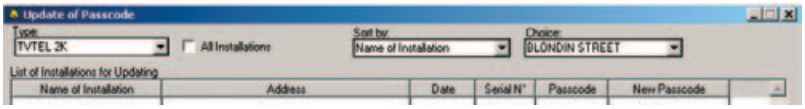
In ***Update Type*** select what you want to upload to the panel by clicking to insert a ✔ in the appropriate boxes.

Click on ***Loading*** to upload the new data.

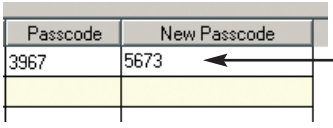
Updating Passcodes

Click on ***Change Passcodes***.

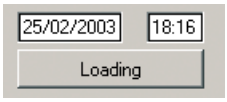
The ***Update of Passcode*** screen opens.



Select the appropriate ***Installation*** as explained earlier.



Click in the relevant cell in the ***New Passcode*** column and enter the new 4 digit Passcode number.



Click on ***Loading*** to upload the ***New Passcode***.

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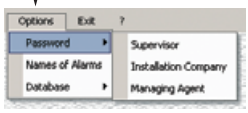
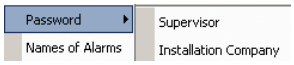
Options Menu – General Screen

Click on ***Options*** *and highlight* ***Password.***



Installation Company Password



Click on ***Installation Company*** if you want to change the password.

The ***Change Installation Company Password*** screen opens.

Enter the information as requested. Click on ***OK*** when finished.

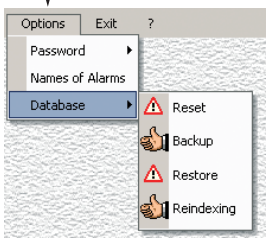
Exactly same process for changing the Managing Agent password.

Default program access levels and passwords:

Installation Company	=	Extensive	= **install**
Managing Agent	=	Restricted to Residents functions.	= **manage**

Reset Database

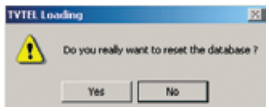
Click on ***Options*** and highlight ***Database***.



IMPORTANT
DO NOT USE "RESET" WITHOUT FIRST CONTACTING NACD LTD.

Click on ***Reset*** if you want to restore the factory set defaults.

With ***Reset Database*** you will lose all programmed information and data. This function is really designed as a "fix" in the unlikely event that the program has become corrupted.



Only proceed if sure. If sure, click ***Yes***.

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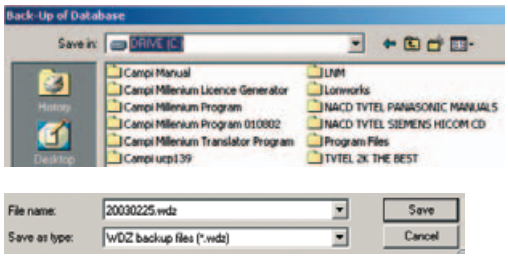
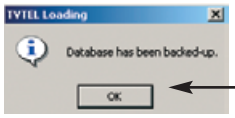
Backup Database

Click on *Backup* to save the programmed information and data.

The *Back-Up of Database* screen opens.



It is very important to regularly back-up all programmed information and data.



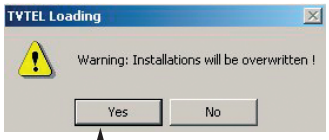
Click on *OK*.

A successful *Database Back-Up* is acknowledged.

Restore Database

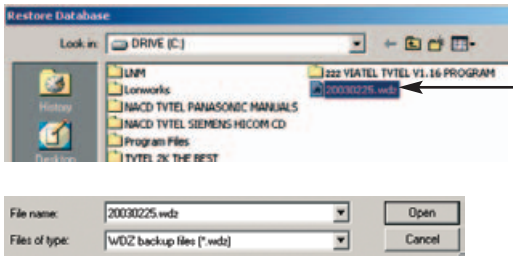
Click on *Restore* to restore from an earlier *Back-Up*.

The *Restore* function overwrites all the programmed information and data. Proceed with caution.



If you want to proceed, click on *Yes*.

The *Restore Database* screen opens.

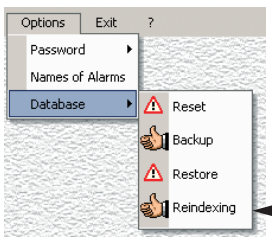


Locate the relevant *Backup* file and click on *Open*.

The Database will be automatically restored.

Reindexing

The *Reindexing* function reorganises the files into their correct order. It is recommended to use this feature periodically.



Click on *Reindexing* to reorganise the database into the correct order.

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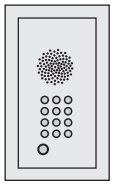
TVTEL® the perfect entrance™ telephoneentry.co.uk PB/240

TVTEL® PB Call Button Panels 1–14 Call-Buttons

TVTEL® 240 Speed Dial Panels 1–240 Flats/Offices



FOR PROGRAMMING VIA PC WITH MODEM USING TVTEL® SOFTWARE PROGRAM, YOU MUST FIRST CHANGE FUNCTION 61 TO MODEM ANSWER MODE USING YOUR LANDLINE OR MOBILE PHONE (or integral keypad on the TVTEL® 240).

**2000# (3 short beeps) 61 (long beep) 1 (3 short beeps).*

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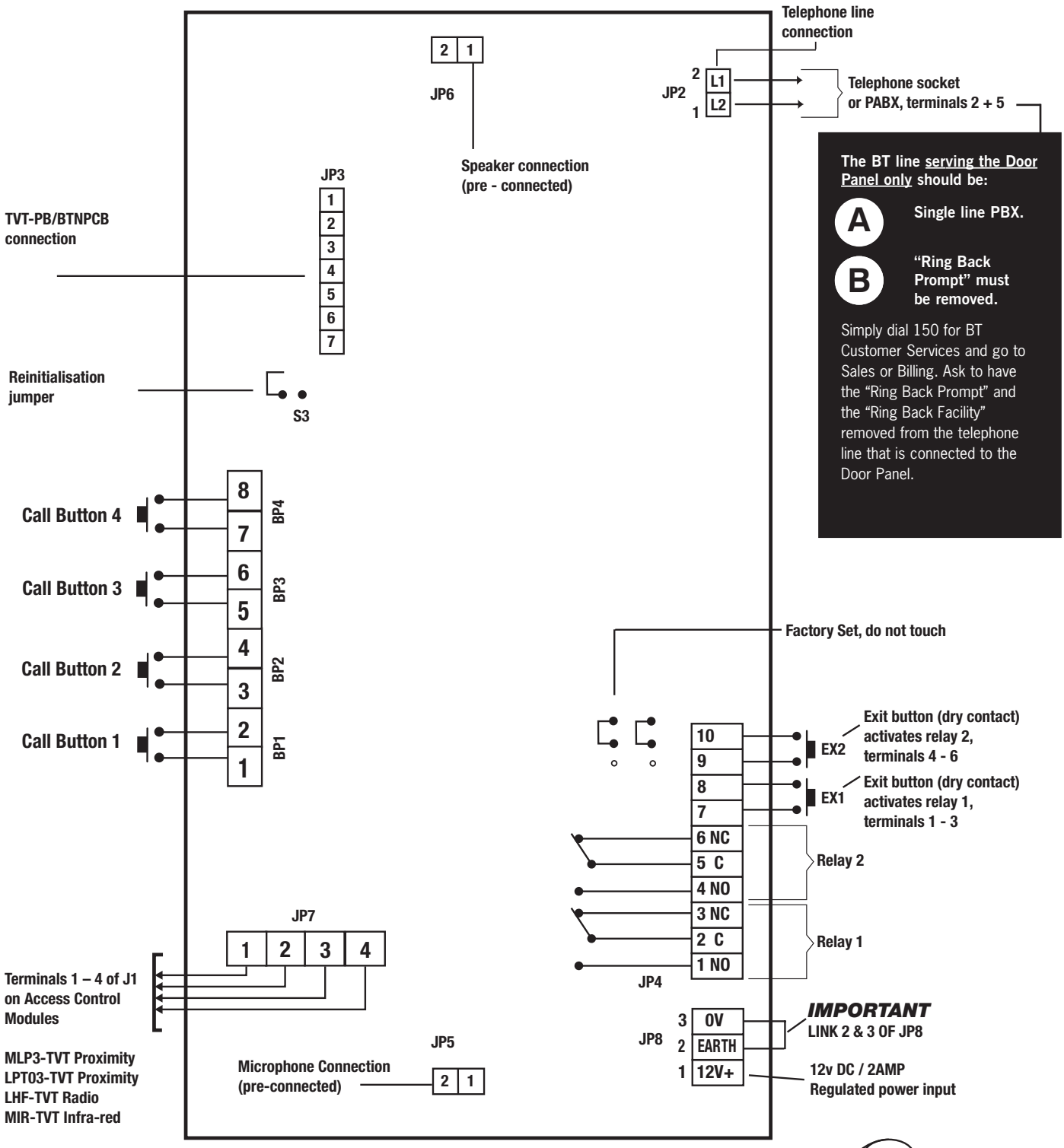
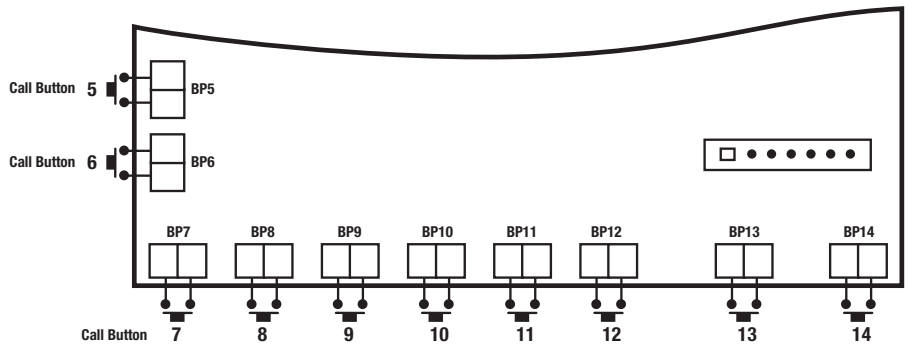
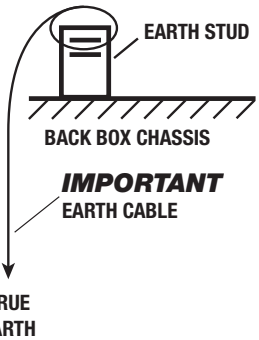
TVTEL PB/240/MPCB/2


Telephone line connection
JP6
2 1
Speaker connection (pre - connected)
JP2
2 L1
1 L2
Telephone socket or PABX, terminals 2 + 5
The BT line serving the Door Panel only should be:
A
Single line PBX.
B
"Ring Back Prompt" must be removed.
Simply dial 150 for BT Customer Services and go to Sales or Billing. Ask to have the "Ring Back Prompt" and the "Ring Back Facility" removed from the telephone line that is connected to the Door Panel.
JP3
1 2 3 4 5 6 7
TVT-PB/BTNPCB connection
Reinitialisation jumper
S3
Call Button 4
Call Button 3
Call Button 2
Call Button 1
8 7 6 5 4 3 2 1
BP4 BP3 BP2 BP1
Factory Set, do not touch
10 9 8 7 6 NC 5 C 4 NO 3 NC 2 C 1 NO
EX2
Exit button (dry contact) activates relay 2, terminals 4 - 6
EX1
Exit button (dry contact) activates relay 1, terminals 1 - 3
Relay 2
Relay 1
JP4
JP7
1 2 3 4
Terminals 1 – 4 of J1 on Access Control Modules
MLP3-TVT Proximity
LPT03-TVT Proximity
LHF-TVT Radio
MIR-TVT Infra-red
JP5
Microphone Connection (pre-connected)
2 1
JP8
3 0V
2 EARTH
1 12V+
IMPORTANT
LINK 2 & 3 OF JP8
12v DC / 2AMP Regulated power input

TVTEL PCB for extra call buttons Ref: TVT-PB/BTNPCB





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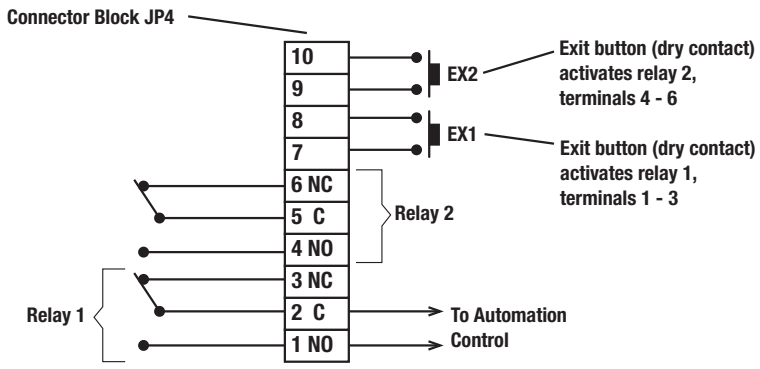
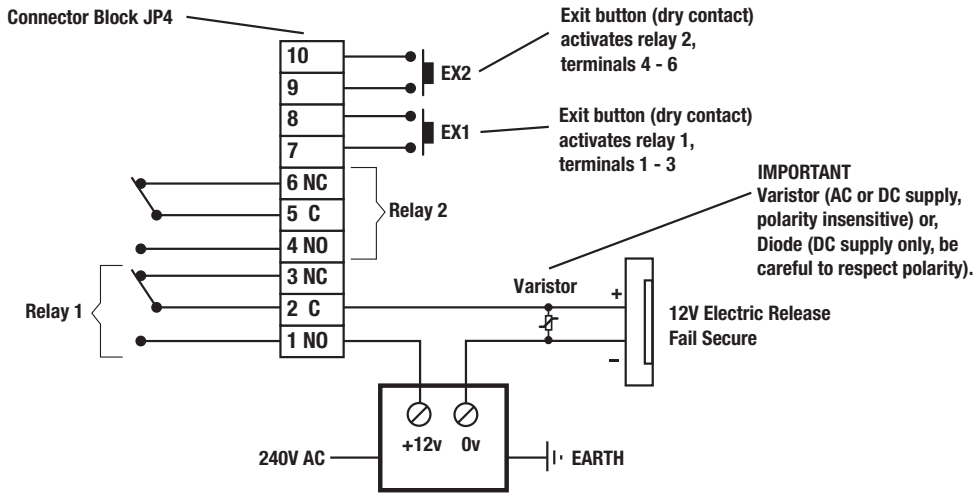
Automation Control / Volt Free

TVPB240/AUTO/0103



Fail Secure Locking

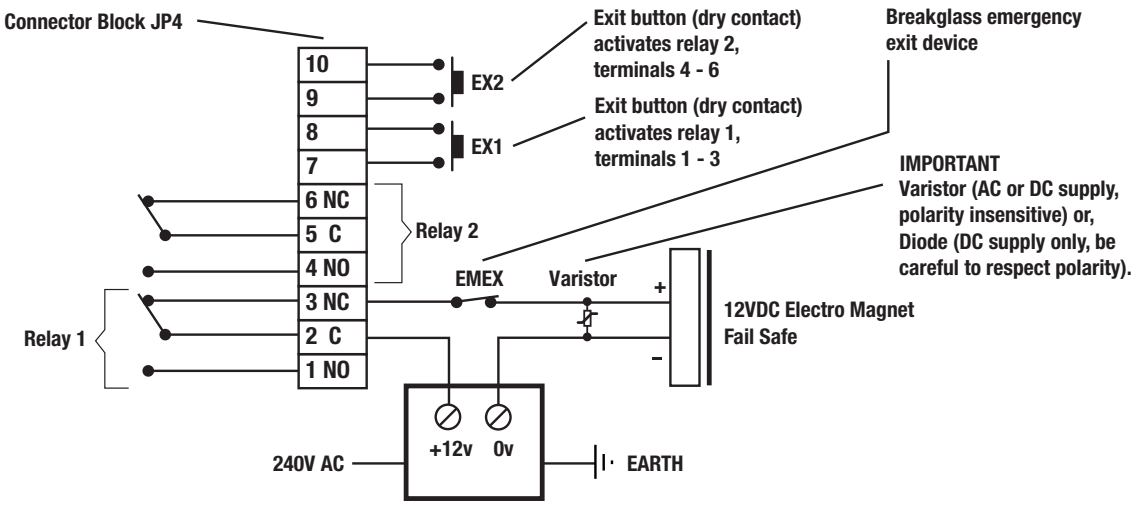
TVPB240/LFSEC/0105



POWER SUPPLY
12V DC REGULATED

Fail Safe Locking

TVPB240/LFSAFE/0105



POWER SUPPLY
12V DC REGULATED

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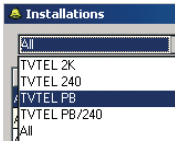
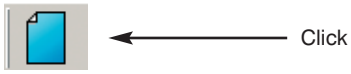
The TVTEL® software program is also designed to allow remote programming of TVTEL® PB range panels and TVTEL® 240 Speed Dial panels. This is an abbreviated addendum and is to be read in conjunction with the main TVTEL® 2K manual which goes into greater depth.

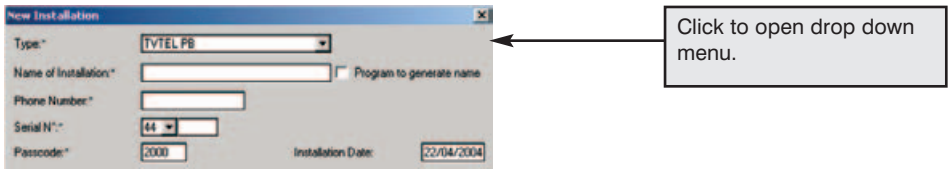
Select the appropriate panel type from the drop-down list.



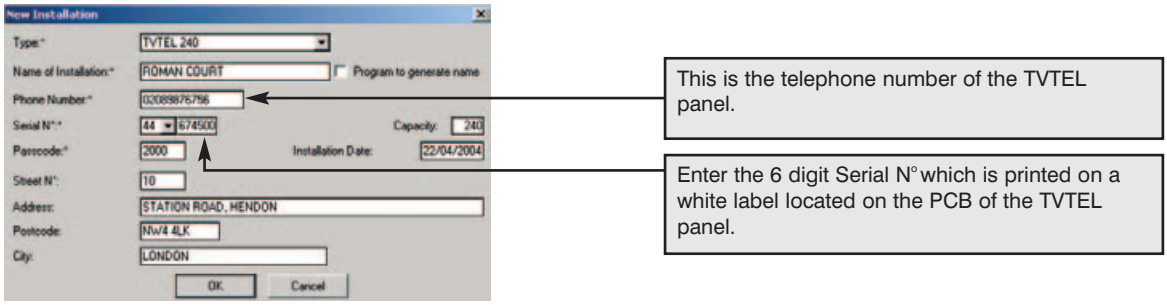
or click on New Installation.



The New Installation screen opens.



Enter the required information.



Click on ***OK*** when finished.

The Details of Installation screen opens.

Click on Parameters to display the list of sub-menus

Not all of the features of the top of the range TVTEL 2K are available on the TVTEL® PB and TVTEL® 240 ranges.

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Click on Configuration to open the Configuration of Installation screen.

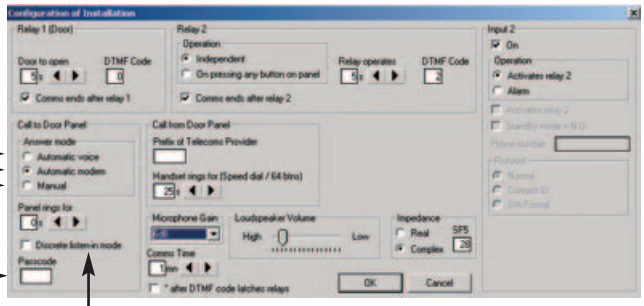
Automatic Voice Answer mode: This is the default setting and assumes remote accessing of TVTEL® panel from a telephone handset for programming purposes. There is no ring. Answers automatically "Call from Door Panel" (or, emits 3 short beeps). Communication link established immediately between Caller and Panel.

Automatic Modem Answer mode: **Recommended setting**. Use this setting if using a PC for programming purposes. There is no ring. Integral modem answers searching for a corresponding modem. If no modem is detected within 15 seconds, voice communication facilities are established between the Caller and the Panel.

Manual Answer mode: TVTEL PB/240 can be programmed to ring to signal an incoming call. The call is answered by pressing the button on the panel – simultaneously activating "handsfree" communication with the caller.

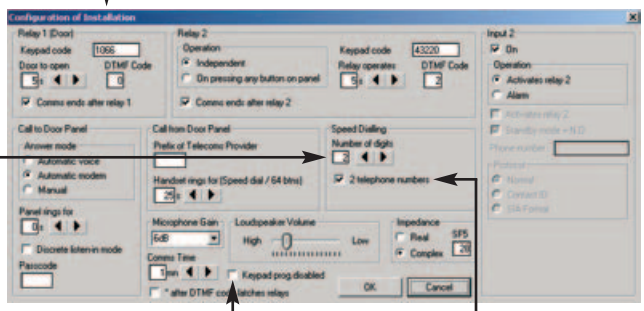
Enter a Passcode to prevent unauthorised persons from dialling into the panel. This security feature will require persons who dial into the panel to immediately enter the passcode in order to access any functions.

*For TVTEL **PB** panels*



TVTEL PB/240 can be called from any DTMF (touch-tone) telephone provided, of course, the telephone or extension number of its telephone line is known. This security feature can be default set to either (a) Full Communication mode (b) Discrete listen-in mode. Full Communication mode allows the caller to immediately talk to the visitor and, if required, open the door. Discrete listen-in mode disables the loudspeaker enabling the caller to listen-in to the panel environment undetected. The caller ie. Caretaker/Security can switch once from Discrete listen-in mode to Full Communication mode during the call by pressing the # on their telephone without affecting the pre-programmed default mode.

*For TVTEL **240** panels*



TVTEL 240 Speed Dial offers a choice of operational modes:

- Panel can call a maximum of 120n° flats, homes or offices – 2n° telephone numbers available per flat, home or office (Default Setting 120 x2 mode).
- Panel can call a maximum of 240n° flats, homes or offices – 1n° telephone number per flat, home or office (240 mode).

The Speed Dial length is programmable from 1–3 digits (Default = 3 digits).

- For 1–9 flats, recommended Speed Dial length is 1 digit.
- For 10–99 flats, Speed Dial length should be 2 digits.
- For 100–240 flats, Speed Dial length must be 3 digits.

TVTEL 240 Speed Dial can also be programmed via its keypad. This is a very useful feature that can be enabled or disabled to suit each installation. Check the box if you want to disable this feature.

Note: If you leave this feature enabled, it is strongly advised that you change the "General Parameters" and "Call-Button" Programming Codes.

If the TVTEL 240 Speed Dial is in the default 120 x2 mode ie it is servicing up to a max of 120 flats, homes or offices, it makes sense to enable the 2 telephone numbers feature. The Resident can now supply you with a 2nd telephone number so that when the call to the 1st telephone number is unanswered or the line is busy, TVTEL will automatically dial the 2nd telephone number.

Examples of the instructions engraved on the panel. These can, of course, be customized to suit your application.

	ENGRAVING
If 1 digit speed dial (max 9 flats):	Enter 1 for flat 1, 2 for flat 2 etc and await answer.
If 2 digit speed dial (max 99 flats):	Enter 01 for flat 1, 12 for flat 12 etc and await answer.If 3
If 3 digit speed dial (max 240 flats):	Enter 001 for flat 1, 012 for flat 12 etc and await answer.

See main TVTEL 2K manual for information on those Configuration settings not explained here.

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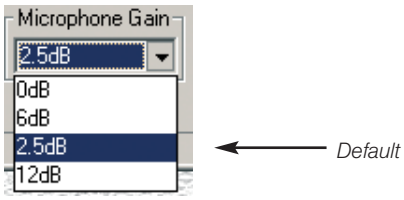
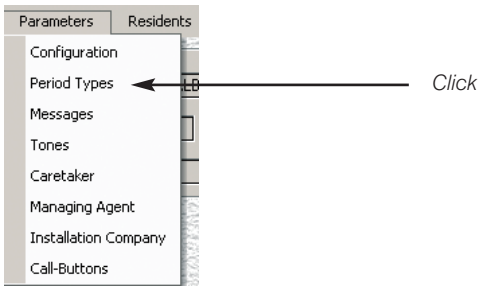
This is the Speech-Up level.



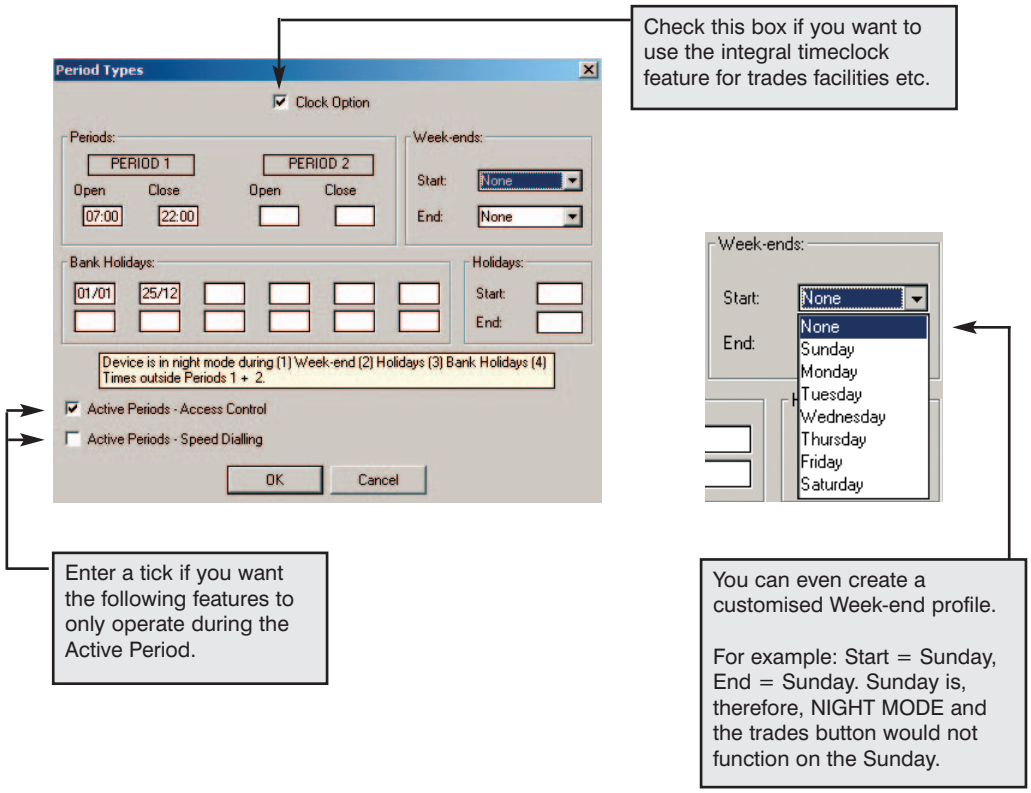
Period Types

TVTEL® PB / TVTEL® 240 panels have an integral time, day, date timeclock.



The Period Types screen opens.

If you specify times for Period 1 or Periods 1 and 2, the TVTEL panel will be in **NIGHT MODE** outside of these times. The TVTEL panel will also be in "NIGHT MODE" during Bank Holidays, Week-Ends, Holiday Dates etc.



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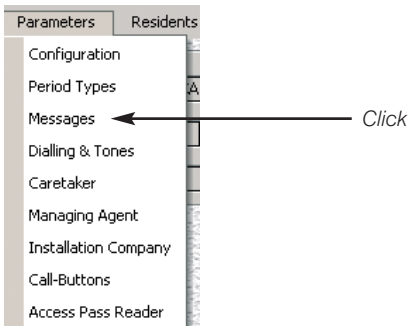
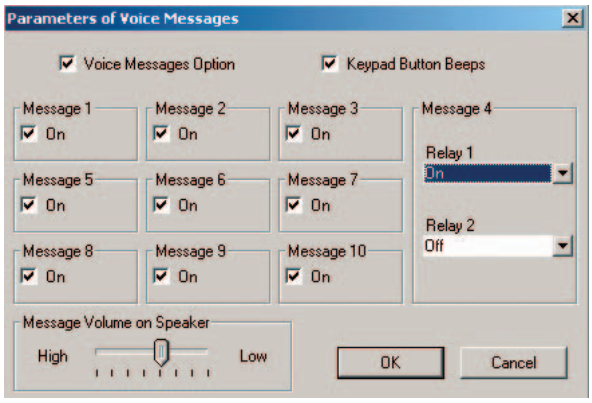
Click on Messages.



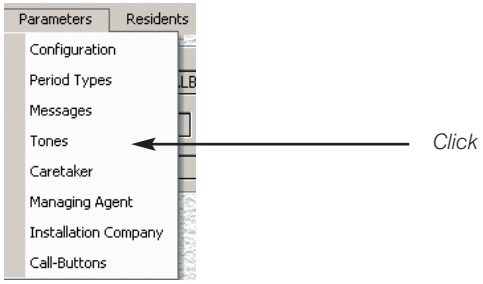
The Parameters of Voice Messages screen is displayed.

You can choose to have the Messages ON or OFF and, of course, set the volume level at the panel. Refer to the main TVTEL 2K manual for additional information.



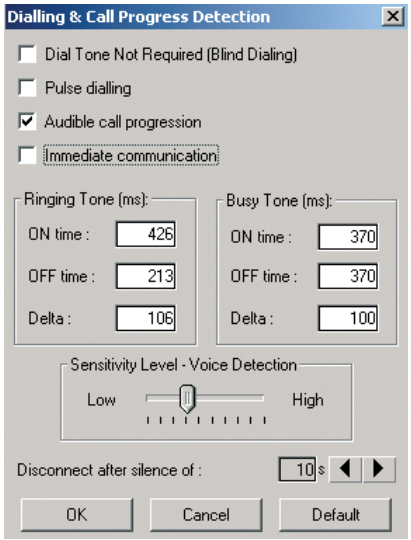
Click OK whan finished.

Click on Tones.



The Call Progress Detection screen is displayed.

Default British Telecom settings are already set. You should not need to alter anything on this screen. Refer to the main TVTEL 2K manual for additional information.



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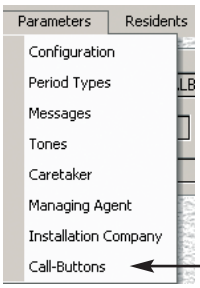
Click on Call-Buttons.

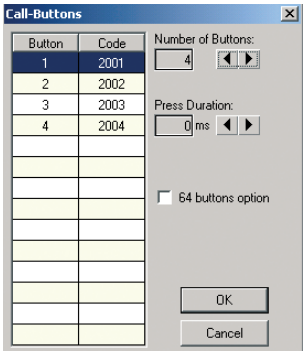


Refer to TVTEL 2K manual

Click

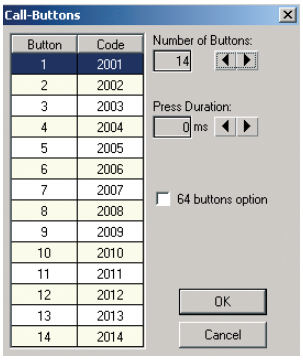
The Call-Buttons screen is displayed.

TVTEL 240 allows for up to 4nº call-buttons as part of the panel operating in conjunction with, or independently of, the Speed Dial feature.

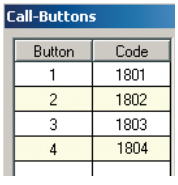


Click OK when finished.

TVTEL PB is delivered preset for 1, 2, 3 up to 14nº call-buttons depending on what was ordered.



TVTEL PB and TVTEL 240 panels still retain the telephone programming feature ie you can dial into the panel from any landline or mobile telephone to effect programming. For security reasons, the Call-Button Programming Codes (Function 91) can be changed.



Simply click on the relevant cell and enter the new code. In the future, to program Call-Button 1 from a remote telephone handset, you will need to enter 1801 not 2001 as previously.

It is recommended that you also download a copy of the TVTEL PB and TVTEL 240 manual "Programming via (DTMF) landline or mobile telephone" at www.telephoneentry.co.uk - see Installation Guides section.

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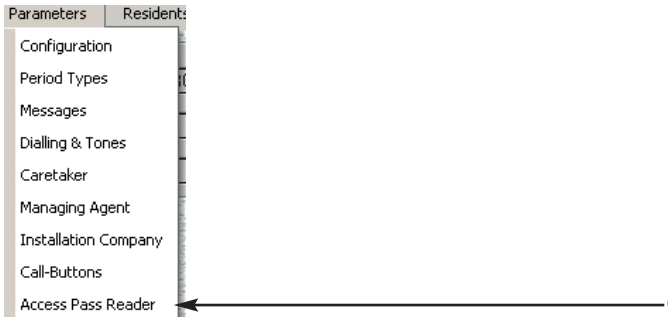
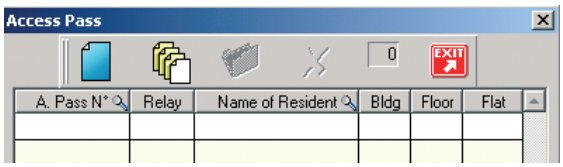
Access Pass Reader

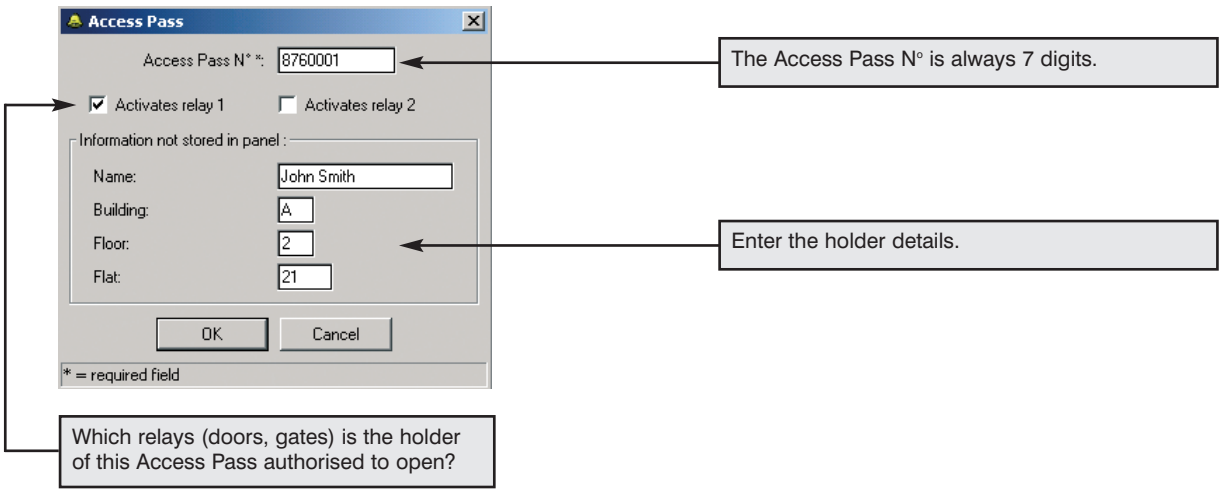


The title bar will switch from this *…

…to this *. Click on **Access Passes** to open.

The Access Pass screen opens.





Click OK when finished.

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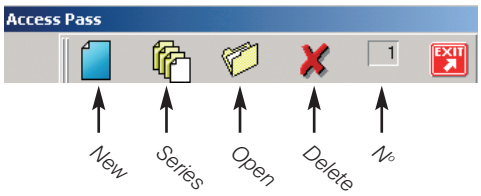
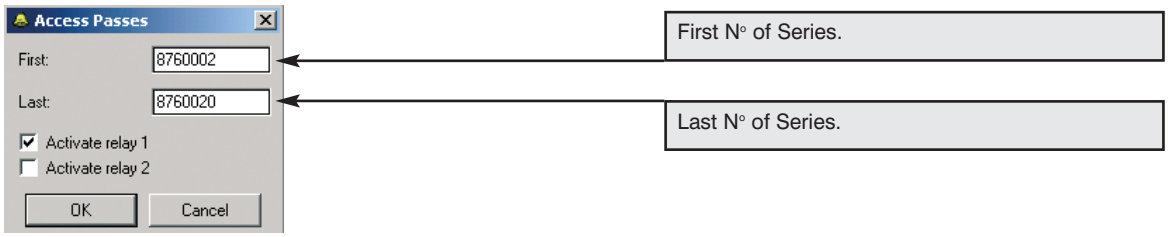
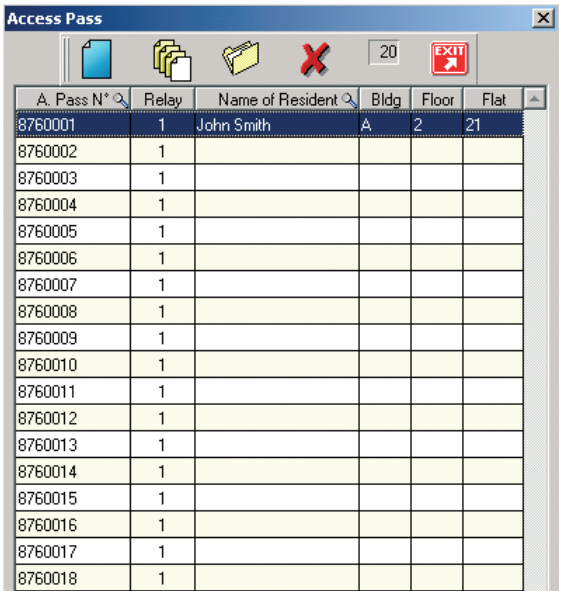
Alternatively click on Series to create a series of Access Passes. Access Passes are supplied sequentially numbered for ease of administration, identification and higher security.





Click OK when finished.

The listing appears. Now click on each Access Pass in turn and enter the holder details etc.



A. Pass N°	Relay	Name of Resident	Bldg	Floor	Flat
8760001	1	John Smith	A	2	21
8760002	1				
8760003	1				
8760004	1				
8760005	1				
8760006	1				
8760007	1				
8760008	1				
8760009	1				
8760010	1				
8760011	1				
8760012	1				
8760013	1				
8760014	1				
8760015	1				
8760016	1				
8760017	1				
8760018	1				

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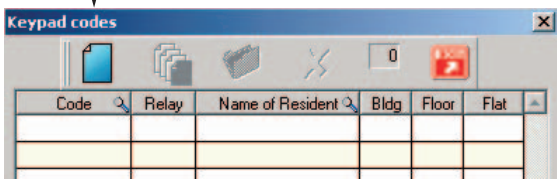
Keypad Codes

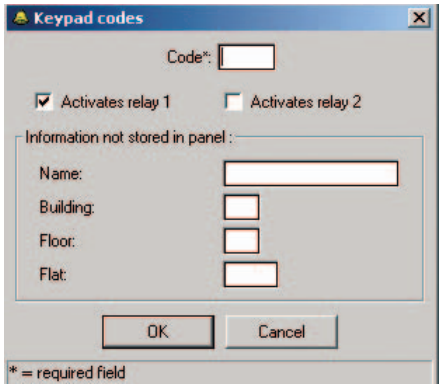
New



TVTEL® 240 only

Alternatively, if the TVTEL® panel does not include an Access Pass reader, you have the option of using Keypad Codes for all authorised persons.

Enter the relevant information and click OK when finished.



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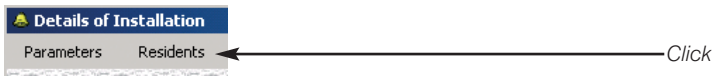
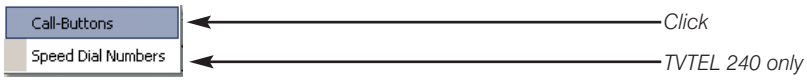
Click on Residents to display the list of sub-menus.

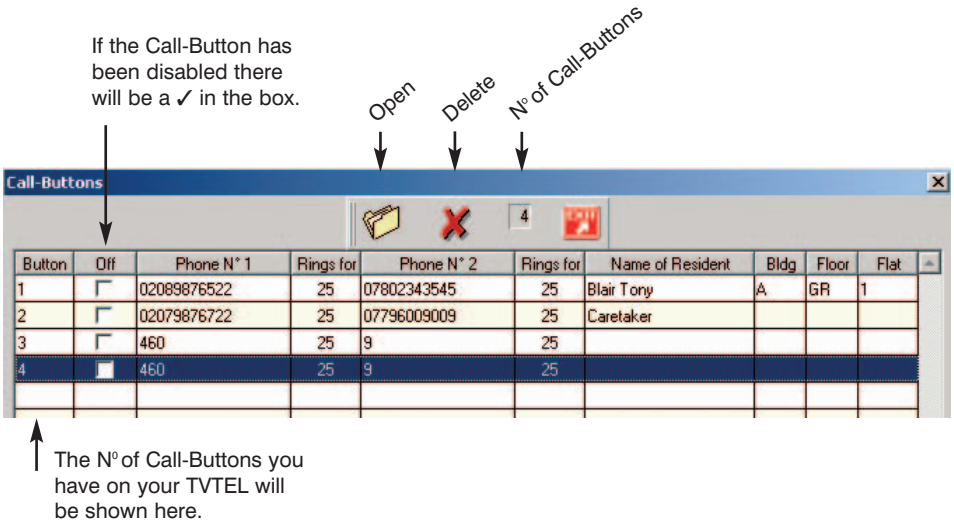


Click on Call-Buttons to open the Call-Buttons screen.

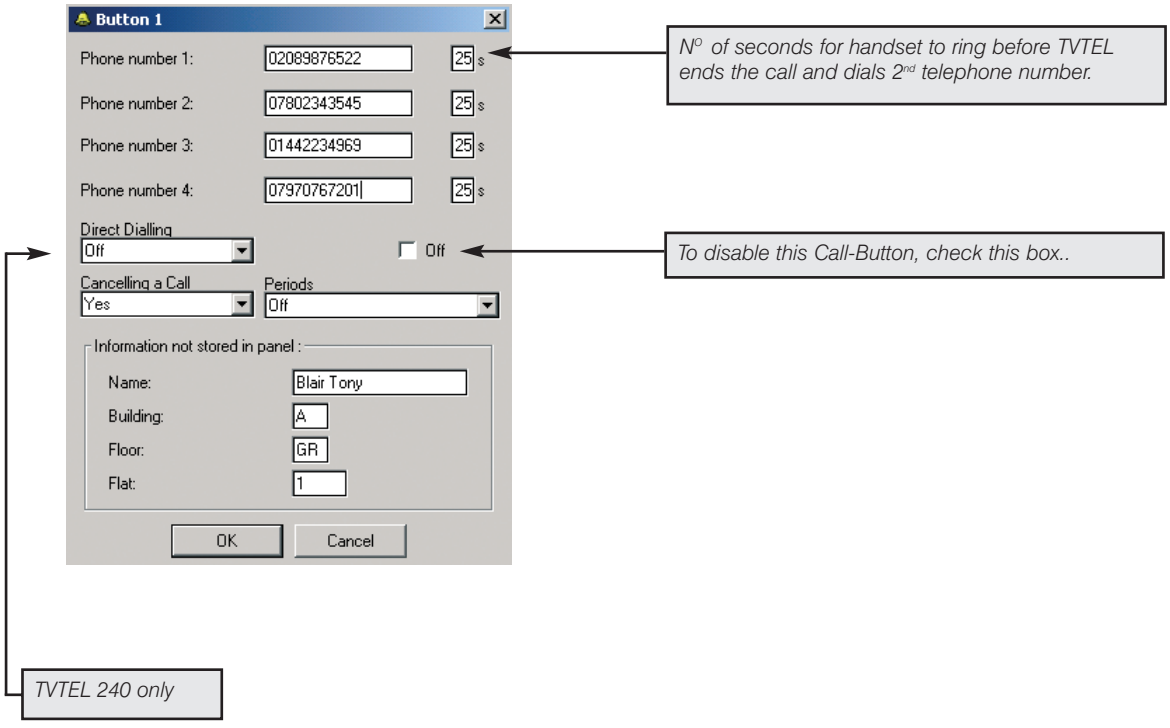


Programming Call-Buttons

To program a particular call-button double click it or, highlight it and click on the Open icon.



The screen for Call-Button 1 opens. Call-Button n° 1 can have up to 4n° telephone numbers. Enter the information required. Click OK when finished.



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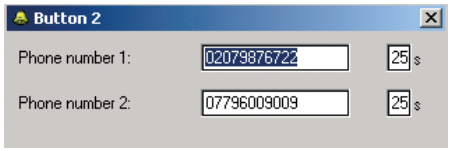
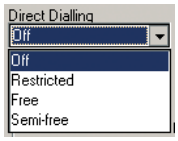
Call-Button numbers 2 – 14 can each have a maximum of 2no telephone numbers.



TVTEL 240 can be used in any one of the following 4 ways. Set this feature in Button 1 screen.



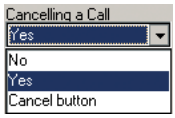
Off = *Only by directly entering a Speed Dial number on the keypad, for example: 68.*

Restricted = *Direct dialling but restricted to preprogrammed telephone numbers ie. Press the button to obtain a dial tone and then enter any telephone or extension number associated with a Speed Dial prefix.*

Free = *Direct dialling like a standard telephone albeit that TVTEL is a "hands-free" stainless steel panel telephone with a keypad. The button on the panel is used to obtain a dialling tone prior to dialling the number and then must be pressed again to end the call.*

Semi-Free = *Exactly as for Free but when you choose this option you must also set a maximum number of digits allowed. For example: Any number can be dialled so long as it is a local number and not a national, international or mobile telephone number.*

TVTEL can cancel a Call in progress, for example, in the case of visitor error.



No = *Feature OFF. Calls cannot be stopped once in progress. Usually used when TVTEL is used as an emergency call-point.*

Yes = *Pressing the relevant button again cancels the Call in progress. This is the default setting.*

Cancel Button = *Button usage is restricted to only cancelling calls in progress. This feature is often used when a button is fitted in the panel and used solely for the purpose of cancelling an erroneous call. This button would normally be engraved "Cancel Call".*

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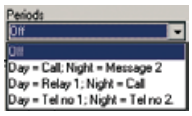
Call-buttons can also be individually associated with the Period Type previously set-up.



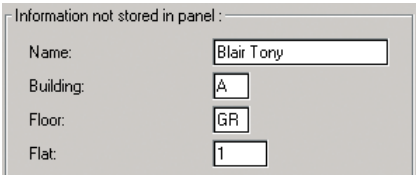
OFF = *Button calls 24/7/365 ie whenever it is pressed.*

Day = Call; Night = Message 2. During "Day mode" ie the Active Period, when the button is pressed the call will be made. However, outside of the Active Period ie "Night mode", when the button is pressed the call will not be made and the visitor will hear the message "Your correspondent cannot be reached at this time. Please try later".

Day = Relay 1; Night = Call
During "Day mode" ie the Active Period, when the button is pressed, TVTEL will activate Relay no 1 ie open the door. However, outside of the Active Period ie "Night mode", when the button is pressed a call will be made.

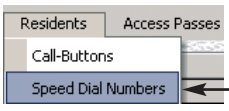
Day = Tel no 1; Night = Tel no 2.
During "Day mode" ie the Active Period, when the button is pressed, TVTEL will dial the 1st telephone number. However, outside of the Active Period ie "Night mode", when the button is pressed, TVTEL will dial the 2nd telephone number.

The program also allows you to enter information which will facilitate administration of the system and which can be printed out as a hardcopy.



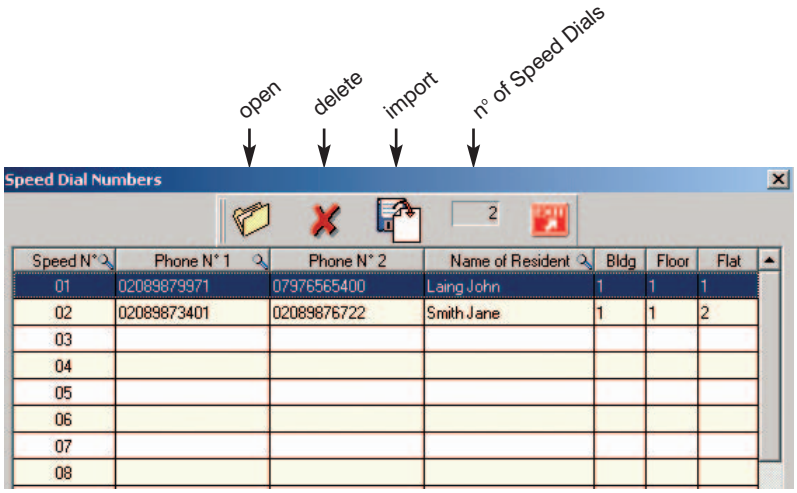
Programming Speed Dial Numbers

The Speed Dial Numbers screen opens.



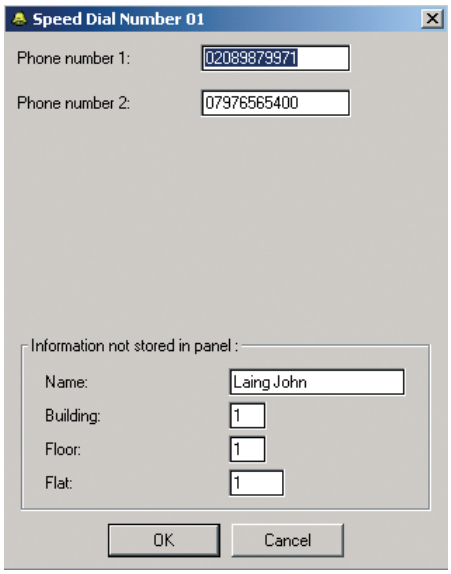
Click

To program a particular Speed Dial double click it or, highlight it and click on the Open icon.



The relevant Speed Dial Number screen opens. Enter the telephone numbers required.

Click on OK when finished.



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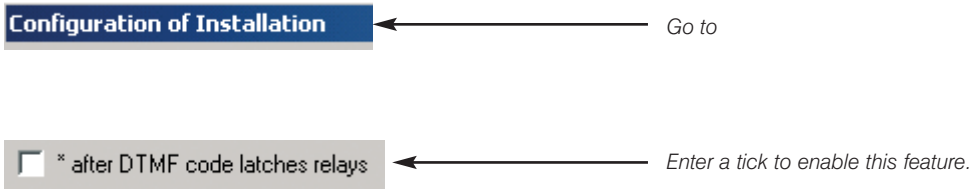
Hold Open

Relays 1 and 2 can be latched ON as follows:

Screen in Parameters section.



Hold Open Command

After receiving a call from the door panel, the Resident/Correspondent needs to press the * button on the telephone handset **after** entering the pre-programmed relay activation code **and** hearing the message "The code entered is correct" (or, 3 short beeps) but **before** the end of the pre-programmed activation time of the relay in question.

Example:

DTMF release code for Relay 1 = 0

Activate Relay 1

Normally, Resident/Correspondent simply presses the **0** button on the telephone handset to activate relay nº 1 for the X nº of (pre-programmed) seconds. To latch open relay nº 1, the **0** must be followed, after hearing the message " Please Enter " (or, 3 short beeps), by the *. ← *Hold Open Command*

DTMF release code for Relay 2 = 2

Activate Relay 2

Normally, Resident/Correspondent simply presses the **2** button on the telephone handset to activate relay nº 2 for the X nº of (pre-programmed) seconds. To latch open relay nº 2, the **2** must be followed, after hearing the message " Please Enter " (or, 3 short beeps), by the *. ← *Hold Open (Relay 2)*

Activate Relay 2

Hold Open Command

Clearly, the * button must be pressed before the end of the pre-programmed activation time for the relay in question. Therefore, if relay nº 1 is programmed to activate for 8 seconds, the * button must be pressed before the end of the 8 seconds.

Hold Open Command

It is also possible to latch open both relays simultaneously by pressing **0** " Please Enter " (or, 3 short beeps) **2** " Please Enter " (or, 3 short beeps) followed by * before either relay activation has timed out.

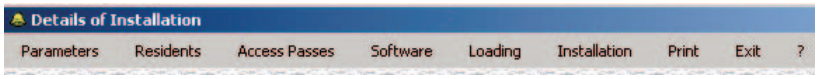
To unlatch, simply enter into communication with the TVTEL door panel by either dialling in from a telephone handset or receiving a call from it. Press **0** for relay nº 1 or **2** for relay nº 2 to return to standby status.

Activate Relay 1 *Activate Relay 2*

Activation of either relay 1 or 2 as a result of keypad usage will also cancel hold-open ie cause relevant relay to return to standby status.

Additional Information

For information on the following, please refer to the main TVTEL 2K manual.



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TVTEL® 2K

Connections:	(1) BT (Ex-Directory) standard single line PBX jack master socket within 50 metres of TVTEL panel. Call BT on 150 to have **"Ring Back Prompt"** removed. or (2) PABX extension of the internal telecommunications network of a Company. Socket to be analogue type.
Telephones:	(1) Standard analogue DTMF "Touch Tone" (2) Mobile telephone (3) Cordless telephone Note: Pulse Telephone compatible.
REN Loading:	= 1 Maximum REN on any PSTN line = 4. If any 3rd party equipment connected in parallel, for example: burglar alarm, socket etc. REN loading limit must not be exceeded.
Power Supply:	12VDC / 2 AMP REGULATED
Power Consumption:	300mA at 12VDC
CE Norms:	EN60950 EN55022 Edition 98 Class B EN55024 Edition 98 Class B
Telecommunications Norms:	CTR21
Operating Temperature:	-35°C to +50°C non-condensing
Number of Relays:	2 (+ 5VDC trigger output, adjustable 1-300 secs)
Relay Timers:	Relay 1 = 1 - 300 secs Relay 2 = 1 - 300 secs Both relays with ON/OFF period controlled latch mode possibility.
Relay Contact Ratings:	Relay 1 = 2 Amps at 12V DC 1 Amp at 24V DC Relay 2 = 2 Amps at 12V DC 1 Amp at 24V DC
Request to Exit:	2 (N.O. contacts)
Programming:	PC running Windows 98, ME, 2000 or XP. TVTEL 2K software is available on CD-ROM or via download. (1) From a COM Port of a Laptop or PC to Connector CN6 on the PCB of the Panel using the cable with DB9 connectors supplied (RS232 bus, 38400 bps). or (2) Remotely from a PC via an analogue modem (maximum speed 33600 bps) via the PSTN (British Telecom network) or internal PABX.
System Capacity:	2000 main telephone numbers or extensions + 2000 2nd telephone numbers.
Keypad entry codes:	1 no. per resident = 2000
Trades via keypad code(s):	Yes
Trades via proximity key(s):	Yes
Simulated Trades:	Yes
Keypad code length:	3 - 8 digits, any mix
Trades-button:	Yes (Time Profile = Door Panel)
Access Pass Reader(s):	Optional as integral part of TVTEL® program, capacity 2000 nº proximity fobs, radio transmitters etc..
Non-Volatile memory:	Yes
Time, Day, Date, Calendar:	Yes
Material:	BS316 grade stainless steel with anti - vandal stainless steel security screws.

Default Parameters "Factory Settings"	
Relay No. 1 activated by: Telephone handset code Operational time (seconds)	 0 5
Relay No. 2 activated by: Telephone handset code Keypad on panel code Operational time (seconds)	 2 4444 5
Operational mode	Controlled Access - 24hrs
Managing Agent keypad code Installation Company keypad code Communication time (seconds) Handset rings for (seconds) Panel rings for (seconds) Incorrect keypad entries prior to lock-out Keypad lock-out for Door "Free Access" times Audio messages Ring tones Busy tones	Off Off 60 25 6 Unlimited Off Off On BT settings BT settings

NACD
ACCESS • DOOR ENTRY • SECURITY

N.A.C.D. Limited Unit 10, Avebury Court, Mark Road, Hemel Hempstead, Herts HP2 7TA.
TEL: 01442 211848 **FAX:** 01442 212776 **EMAIL:** sales@nacd.co.uk **WEB:** www.nacd.co.uk

www.telephoneentry.co.uk

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